



UNIVERSITY of HAWAI'I®

HONOLULU

COMMUNITY COLLEGE

Ke Kulanui Kaiāulu o Honolulu

CATALOG
2024-2025



Frequently Called Numbers

Office	Location	Phone
Admissions	Bldg. 6	808-845-9129 808-845-9270 (voice/text)
Academic Counseling	Bldg. 5-102	808-845-9162
Apprenticeship	Bldg. 4	808-845-9245
Bookstore	Bldg. 2-107	808-845-9105
Business/Cashier's Office	Bldg. 6	808-845-9102
Career Services	Bldg. 7-320	808-845-9204
Disability Services (Student ACCESS)	Bldg. 7-302	808-845-9272 (voice/text) 808-844-2392 (voice/text)
Distance Education	Bldg. 7-313	808-845-9234
Financial Aid	Bldg. 5-102	808-845-9116
Library	Bldg. 7	808-845-9199 Info & Ref 808-845-9221 Circulation
Lost and Found	Bldg. 2-113	808-845-9498
Pacific Center For Advanced Technology Training (PCATT)	Bldg. 2	808-845-9296
Parking	Bldg. 6	808-845-9102
Registration/Records	Bldg. 6	808-845-9120
Security Supervisor Manager	Bldg. 72B Rm 101	808-284-1270 (cell) 808-271-4836 (cell) 808-445-1482 (cell)
Student Computer Lab	Bldg. 2-405	808-845-9293
Student Life	Bldg. 2-113	808-845-9498
Veterans Resource Center	Bldg. 5-140	808-847-9833
All other departments and faculty (main switchboard)		808-845-9211

INFORMATION ON DISABILITY ACCOMMODATION for campus programs, services, activities, and facilities or requests for an alternative format of catalog information can be obtained by contacting Student ACCESS at 808-844-2392 (voice/text) or 808-845-9272 (voice/text). Persons who are deaf, hard of hearing or speech-impaired are invited to contact the college by using the Telecommunications Relay Service by calling 711.



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874 Dillingham Blvd. Honolulu, HI 96817

PH- 808-845-9211 | FAX- 808-845-9173 | WEB- www.honolulu.hawaii.edu



UNIVERSITY of HAWA'I®
HONOLULU COMMUNITY COLLEGE
Ke Kulanui kaiāulu o Honolulu

WELCOME TO HONOLULU COMMUNITY COLLEGE

A MESSAGE FROM THE CHANCELLOR

Welcome to the 2024-2025 academic year at Honolulu Community College! We are delighted to have you join our 'ohana! Whether you are a new or returning student, you are valued here, and we are excited to welcome you.

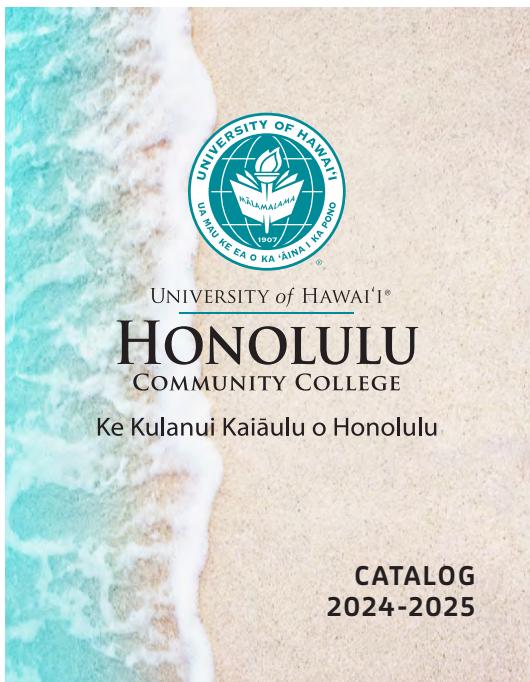
Honolulu CC is the oldest community college in Hawai'i and offers one of the best educational values in the nation. We offer high quality instruction in a wide range of career and technical education programs. We take pride in the fact that our programs will get you job-ready and on your way to a meaningful career through our modern curriculum and industry connections. Honolulu CC also provides a highly successful and impressive liberal arts curriculum that prepares you to transfer to UH Baccalaureate campuses or other colleges to further your education. Regardless of your program of study, it is our desire to prepare you to enter the workforce, ready to tackle your new career path.

This catalog is a resource containing information about the programs we offer, program requirements, course information, and other policies that will help you shape your academic journey. It also provides information about the many academic, financial, and student services that we offer.

We understand that many of our students juggle multiple demands on their time and finances. That is why we strive to provide flexibility and resources to help you achieve your dreams. On behalf of the faculty and staff at Honolulu CC, we all wish you a successful 2024-2025 academic year!



With Aloha,
Dr. Karen C. Lee
Chancellor



THIS CATALOG provides general information about Honolulu Community College, its programs, services, major policies and procedures of relevance to students. This catalog is prepared to provide information and does not constitute a contract. The college reserves the right to, without prior notice, change or delete, supplement or otherwise amend at any time, the information, requirements, and policies contained in this catalog or other documents. The information contained in this catalog is not necessarily complete. For further information, students should consult with the appropriate unit.

The Honolulu CC catalog is available online at www.honolulu.hawaii.edu/catalog. For the most current information, please refer to the college website at www.honolulu.hawaii.edu, or contact honcc@hawaii.edu.

THE UNIVERSITY OF HAWAI'I is an equal opportunity/affirmative action institution. It is committed to a policy of nondiscrimination on the basis of race, sex, gender identity and expression, age, religion, color, national origin, ancestry, disability, marital status, arrest and court record, sexual orientation, or status as a covered veteran. This policy covers academic considerations such as admission and access to, and participation and treatment in, the university's programs, activities and services.

With regard to employment, the university is committed to equal opportunity in all personnel actions such as recruitment, hiring, promotion and compensation. Sexual harassment and other forms of discriminatory harassment are prohibited under university policy.

The university strives to promote full realization of equal employment opportunity through a positive, continuing affirmative action program in compliance with federal Executive Order 11246. The program includes measuring performance against specific annual hiring goals, monitoring progress, and reporting on good faith efforts and results in annual affirmative action plan reports. As a government contractor, the university is committed to an affirmative policy of hiring and advancing in employment qualified persons with disabilities and covered veterans.

For information on policies or complaint procedures, contact the campus EEO director or coordinator:

Honolulu Community College: Derek Inafuku, Vice Chancellor of Administrative Services
874 Dillingham Blvd., Honolulu, HI 96817; 808-845-9123

UH Community Colleges: Christine S. Y. Chun, Office of Compliance, EEO/AE and Title IX Director; Office of the Vice President for Community Colleges;
2327 Dole Street; Honolulu, HI, 96822; 808-956-4564 (Voice/Text)

FALL 2024

AUGUST 26 – DECEMBER 20, 2024

Please refer to MyUH Services for updates (myuh.hawaii.edu)

- Apr 01 First Day of Fall 2024 Registration
- Apr 01-05 Fall 2024 Early Registration Begins for Continuing Students enrolled in Spring 2024 at any UH campus
Register on STAR (See FALL EARLY REGISTRATION TIMETABLE)
- Aug 19 Faculty Duty period begins (for 9-month Instructional)
- Aug 26 **INSTRUCTION BEGINS**
- Aug 26-Sep 03 LATE REGISTRATION Period, **\$30 fee**
ADD PERIOD for open classes only
- Aug 26-Sep 03 *PARTICIPATION VERIFICATION: Students must attend the first or second day of class (See catalog page 55)*
- Aug 26-Nov 04 DROP PERIOD ¹
(See Refund & Academic Record deadlines below.)
- Sep 02 **Labor Day (Federal & State Holiday)** ³
- Sep 03 Last day to Drop/Withdraw with a 100% Tuition Refund ^{1,2}
Last day to change major for Fall 2024 semester
- Sep 17 Last day to Drop/Withdraw with a 50% Tuition Refund ^{1,2}
Last day to Drop/Withdraw without a "W" grade on Academic Record ¹
- Nov 04 DROP PERIOD ENDS - Last day to Drop/Withdraw with a "W" grade on Academic Record ¹
- Nov 04 Last day to change to CR/NC and AUDIT grading options
Last Day for Instructors to submit Spring & Summer 2024 Incomplete ("I") make-up grades to Records Office
- Nov 05 **Election Day (State Holiday)**
- Nov 11 **Veterans Day (Federal & State Holiday)**
- Nov 15 Priority Application Deadline for FALL GRADUATION
- Nov 28-29 **Thanksgiving Recess (Nov. 28 Federal & State Holiday)** ³
(Nov 29 Bookstore closed)
- Dec 16-20 EVALUATION PERIOD (See FINAL EXAM SCHEDULE)
- Dec 20 **FALL SEMESTER ENDS**
- Dec 23 FACULTY DEADLINE to submit grades for Fall 2024 via MyUH Services by 4:00 p.m.
- Dec 25 **Christmas (Federal & State Holiday)** ³

SPRING 2025

JANUARY 13 - MAY 16, 2025

Please refer to MyUH Services for updates (myuh.hawaii.edu)

- Nov 11 Spring 2025 Registration begins for Continuing Students from the Fall 2024 semester
(Please refer to MyUH Services for updates.)
- Nov 11-15 Spring 2025 Early Registration Begins for Continuing Students enrolled in Fall 2024 at any UH campus
Register on STAR (See SPRING EARLY REGISTRATION TIMETABLE)
- Nov 11 **Veterans Day (Federal & State Holiday)**
- Jan 01, 2025 **New Year's Day (Federal & State Holiday)**³
- Jan 02, 2025 Faculty Duty Period Begins
- Jan 13 **INSTRUCTION BEGINS - DAY SCHOOL AND APPRENTICESHIP**
- Jan 13-21 LATE REGISTRATION Period, **\$30 fee**
ADD PERIOD for open classes only
- Jan 13-21 **PARTICIPATION VERIFICATION:** Students must attend first or second class. (See Catalog page 55)
- Jan 13-Mar 28 DROP PERIOD ¹
(See Refund & Academic Record deadlines below.)
- Jan 20 **Dr. Martin Luther King, Jr. Day (Federal & State Holiday)**³
- Jan 21 Last day to Drop/Withdraw with a 100% Tuition Refund ^{1,2}
Last day to change major for Spring 2025 semester
- Feb 05 Last day to Drop/Withdraw with a 50% Tuition Refund ^{1,2}
Last day to Drop/Withdraw without a "W" grade on Academic Record ¹
- Feb 17 **Presidents' Day (Federal & State Holiday)**³
- Mar 07 **Non-Instructional Day: Hawai'i Student Success Institute (Tentative)**
- Mar 17-21 **Spring Recess**
- Mar 26 **Prince Jonah Kūhiō Kalaniana'ole Day (State Holiday)**
- Mar 28 Last Day for Instructors to submit Fall 2024 Incomplete ("I") make-up grades to the Records Office
Last day to change to CR/NC and AUDIT grading options
- Mar 28 DROP PERIOD ENDS - Last day to Drop/Withdraw with a "W" grade on Academic Record ¹
- Apr 07 Registration for Summer/Fall 2025 classes begins (Please refer to MyUH Services for updates).
- Apr 15 Last day to apply for SPRING 2025 GRADUATION CEREMONY
- Apr 18 **Good Friday (State Holiday)**³
- May 12-16 EVALUATION PERIOD (See FINAL EXAM SCHEDULE)
- May 16 **SPRING SEMESTER ENDS**
SPRING 2025 GRADUATION
- May 19 FACULTY DEADLINE to submit grades for Spring 2025 via MyUH Services by 4:00 p.m. HST

SUMMER 2025

MAY 27 - AUGUST 14, 2025

Please refer to MyUH Portal for updates (myuh.hawaii.edu)

- April 07 Registration for Summer/Fall 2025 classes begins (*Please refer to MyUH Services for updates.*)
- May 26 **Memorial Day (Federal & State Holiday)**³
- May 27 Summer Session I begins (May 27 - July 03 Session)
- Jun 11 **King Kamehameha I Day (State Holiday)**³
- Jul 04 **Independence Day (Federal & State Holiday)**³
- Jul 07 Summer Session II begins (July 07 - Aug 14 Session)
- Jul 07 FACULTY DEADLINE to submit grades for Summer Session I 2025 via MyUH Services by 4:00 p.m.
- Aug 15 **Statehood Day (State Holiday)**³
- Aug 17 FACULTY DEADLINE to submit grades for Summer Session II 2025 via MyUH Services by 4:00 p.m.

Notes for Fall, Spring and Summer Academic Calendars:

- Please refer to the Honolulu CC website www.honolulu.hawaii.edu for updated information.
- Students may access grades via MyUH Services.
- Weekend classes will meet before Monday holidays/recesses and following Friday holidays/recesses.
Exception: no classes will meet the weekend following Spring Recess.

¹ *Withdrawal and Drop Dates are different for classes that are NOT semester-length or a full summer session. See ACADEMIC REGULATIONS-REGISTRATION in this catalog, or Class Availability at myuh.hawaii.edu, or contact the Records Office.*

² *Refund Dates are different for classes that are NOT semester-length. See TUITION & FEES-REFUNDS in this catalog, or Class Availability at myuh.hawaii.edu, or contact the Business Office.*

³ *On Federal Holidays, classes scheduled on Military Bases and labs associated with Military-Base classes will not meet. On State Holidays and Recesses, classes scheduled at other facilities will not meet.*

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Spring 2023 Career Fair at HonCC's Cafeteria



GENERAL INFORMATION

GENERAL INFORMATION

ABOUT THE COLLEGE

EDUCATIONAL FACILITIES

CAMPUS SAFETY & SECURITY

GRADUATION & PERSISTENCE

PARKING & TRANSPORTATION

ABOUT THE COLLEGE

History of the College

Honolulu Community College (Honolulu CC) was established in 1920 as the Territorial Trade School in Kapālama. Subsequently, it became part of McKinley High School, but was later reestablished as Honolulu Vocational School. It became the Honolulu Technical School in 1955 before becoming part of the University of Hawai‘i as a result of the Community College Act of 1964. In 1966, the Board of Regents approved the name Honolulu Community College and authorized the school to grant Associate in Arts and Associate in Science degrees.

As one of seven schools comprising the UH Community College System, Honolulu CC experienced rapid growth between 1966 and 1976 and has evolved into a fully comprehensive community college. The Main Campus, a short distance from the heart of Honolulu on Dillingham Boulevard, offers liberal arts instruction leading to a two-year Associate in Arts degree, allowing students to transfer credits to achieve junior class standing at four-year higher education institutions within the State. The college also has facilities near Honolulu International Airport, at Kalaeloa Airport (Kapolei), on Kōkeā Street, and at Sand Island that currently offer Associate in Science, Associate in Applied Science, and Associate in Technical Studies degrees. Certificate programs in more than twenty Career and Technical Education areas that are integrated with a strong general education “core” help Honolulu CC provide an educated citizenry for the workforce of the State of Hawai‘i.



Circa 1920



Circa 1972

Accreditation

Honolulu CC is accredited by the Accrediting Commission for Community and Junior Colleges, 428 J Street, Suite 400, Sacramento, CA 95814, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at: www.accjc.org

Honolulu Community College Mission and Core Values

Honolulu Community College provides accessible educational opportunities through an engaging learning environment that values academic excellence and personal growth of all students, with a kuleana (responsibility) to Native Hawaiians and our community, through career, liberal arts, technology, transfer, and professional training programs.

Core values

- Student centered success: To offer a supportive, high quality learning environment that guides students through their college pathway to become contributing members and leaders of our community.
- Industry and community partnerships: To foster educational partnerships with state-registered apprenticeship programs, local industries, and other organizations to create diverse academic and training opportunities.
- Native Hawaiian/indigenous values and culture: To support the Native Hawaiian community and its language, history, and culture.
- Sustainability: To create a culture of social responsibility around the conservation of resources and creating a foundation for environmental stewardship.
- Diversity and equity: To maintain an equitable multicultural environment where all aspects of diversity are appreciated and respected.

Ko Ke Kulanui Kaiāulu 'o Honolulu 'Ōlelo Kumu

'O ka hana kumu o ko Ke Kulanui Kaiāulu 'o Honolulu e ho'oholo i ka ho'ona'auao 'ana i nā haumāna like 'ole a pau ma nā hana a'ō pono he nui, me nā hana e holomua ai i nā mea kumu mana'o pono, ka paipai 'ana i ka ho'oulu pono i nā haumāna a pau, me ke kuleana e lawelawe ai i nā haumāna 'ōiwi Hawai'i a e lawelawe pū i nā kānaka o ke kaiāulu e huli ana i ke ola ame ka na'auao no ka pono o nā lāhui kānaka a puni ka honua, ma nā papahana hana no'eau, ke kāko'o 'ana i nā haumāna e makemake nei e hele i ke kulanui ame nā papa hana 'oihana pākōlea like 'ole.

Nā 'Oia'i'o Pili Kino Pono'i

No ka pono o nā haumāna: no ke kāko'o 'ana i nā haumāna e hele ana i ke kulanui kaiāulu nei, e mālama i kahi kulanui kaiāulu maika'i a'e noka ho'oulu 'ana i ua mau haumāna nei e lilo i kupa pono a alaka'i pono no ka pono o ka lehulehu.

No nā pilina kaiāulu ame nā pilina 'oihana like 'ole: no ka ho'opaipai 'ana i nā pilina na'auao me nā papahana 'oihana i ho'āpono 'ia e ka Moku'āina 'o Hawai'i, nā 'oihana kūloko o Hawai'i ame nā hui 'ē a'e e ho'okumu i nā hana ho'ona'auao like 'ole ame nā papahana ho'oma'ama'a he nui.

No ka lawelawe 'ana i nā haumāna 'ōiwi Hawai'i: no ke kāko'o 'ana i nā Kānaka 'ōiwi Hawai'i ame ka ho'oulu 'ana i ke ola o ka 'ōlelo Hawai'i, ke kuamo'o pono'i o Hawai'i, ame nā 'ike ame nā hana o ko Hawai'i pae 'āina.

No nā hana mālama pono 'ana i ko ka honua: no ke kāko'o 'ana mai i nā hana pono e pili ana i ka mālama 'ana i nā mea ulu, ame ka ho'okahua 'ana i nā hana pono i waena o kekahī i kekahī, ame nā mea maoli o ko ke ao nei.

No ka pono o nā lāhui kānaka a puni ka honua: no ka mālama 'ana kekahī i kekahī me ke kaulike, ka mahalo 'ana, ame ke aloha.

Institutional Learning Outcomes

Honolulu Community College defines the following six core competencies as its Institutional Learning Outcomes:

- Critical Thinking – Effectively analyze arguments, assumptions, and problems and draw conclusions.
- Information Literacy – Form strategies to locate, evaluate, and apply information, and know the ethical and legal issues surrounding information and information technology.
- Effective Communication – Actively express and exchange ideas through listening, speaking, reading, writing, and other modes of interpersonal expression.
- Quantitative Reasoning – Effectively analyze numerical data, solve quantitative problems, and apply mathematical concepts.
- Career Preparation – Demonstrate knowledge and skills to successfully move to a baccalaureate education or selected vocation.
- Community Awareness and Social Responsibility – Demonstrate and apply an understanding of moral and ethical issues that pertain to the environment, social justice, and cultural diversity.

EDUCATIONAL FACILITIES

The Main Campus of Honolulu Community College occupies over 20 acres and has been almost totally rebuilt since 1970. Shops and laboratories equipped with appropriate tools and supplies are maintained for instructional programs in over twenty career and technical areas, and modern classrooms and laboratories have been built for liberal arts courses.

CAMPUS CENTER BUILDING: The Campus Center Building offers a modern central setting for student activities, as well as specialized instructional facilities for Administration of Justice; Architecture, Engineering and Construction Technologies; Computer Science; and, the Pacific Center for Advanced Technology Training.

TRADE-INDUSTRIAL COMPLEX: A trade-industrial complex provides up-to-date facilities for training in many trade areas. Students working toward associate degrees use the complex during the day in Carpentry, Refrigeration and Air Conditioning, and Welding. Apprentices and journeymen in thirty different trades are trained in the trade-industrial complex and in shops and classrooms throughout the campus during evening hours and on weekends.

AIRPORT TRAINING CENTER: The Aeronautics Maintenance facility at Honolulu International Airport includes completely equipped shops which meet Federal Aviation Agency requirements.

AUTOMOTIVE TECHNOLOGY (AMT) AND DIESEL MECHANICS (DISL) FACILITY: Two transportation technology facilities are located on Kōkeā Street, makai of the main campus. The facilities house well-lighted classrooms and airy shops that complement both theoretical learning and hands-on training in Automotive Technology and Diesel Mechanics Technology. The Automotive facility is used during the evening hours and on weekends for in-service skill training.

MARINE EDUCATION AND TRAINING CENTER: The Marine Education and Training Center at Sand Island began operations in 1995.



CAMPUS SAFETY AND SECURITY

WEBSITE: www.honolulu.hawaii.edu/security

THE CAMPUS SAFETY AND SECURITY REPORT is provided in compliance with the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics (Clery) Act of 2013" and is available on-line at www.honolulu.hawaii.edu/security. This annual security report contains: crime statistics; policies regarding security and access to campus facilities, procedures for reporting crimes and other emergencies; information on sexual assault and rape awareness programs, procedures to follow when a sex offense occurs, disciplinary action procedures, and available counseling assistance; policies on the use, possession and sale of alcoholic beverages and illegal drugs; and a description of programs that promote campus safety. Upon request, a copy of the report is available from the Security Manager's Office. Security policies and procedures are designed to ensure that every possible precautionary measure is taken to protect persons and property. However, you need to be aware that preventive efforts on your part can effectively reduce your chances of becoming a victim.

SECURITY ESCORT SERVICES within the main campus site are provided for faculty, staff or students needing such services. Call Campus Security at 808-284-1270.

CAMPUS SECURITY POLICY TO ADDRESS THE CAMPUS SEX CRIMES PREVENTION ACT OF 2000: In compliance with the Campus Sex Crimes Prevention Act (CSCPA) of the Campus Security Department for the University of Hawai'i - Honolulu Community College is providing the following link to the Hawai'i Criminal Justice Data Center where information regarding registered sex offenders in the State of Hawai'i can be found.

www.sexoffenders.ehawaii.gov/sexoffender/search.html

ADDITIONAL SAFETY POLICIES: The use of skateboards, roller skates, and in-line skates is prohibited on Campus. Mopeds, scooters, motorized bicycles, bicycles, unicycles, and Segways cannot be operated on the Campus Mall.



GRADUATION AND PERSISTENCE RATES

This information is provided for the Student Right-to-Know Act, Public Law 101-542. It provides a partial description of the graduation and enrollment patterns of students. It should not be used to infer or predict individual behavior.

UNIVERSITY OF HAWA'I

GRADUATION AND PERSISTENCE RATES, FALL COHORTS FIRST-TIME, FULL-TIME, DEGREE OR CERTIFICATE-SEEKING UNDERGRADUATES

	Fall 2017 Cohort				Fall 2020 Cohort							
	Bachelor ¹				Associate & Certificate							
	Mānoa	Hilo	West O'ahu	Maui	UHCC ²	Hawai'i	Honolulu	Kapi'olani	Kaua'i	Leeward	Maui ³	Windward
GRADUATION RATE - 150% of normal time to completion	63%	42%	47%	#	28%	32%	35%	20%	29%	32%	27%	29%
Gender												
Men	60%	41%	43%	#	27%	36%	34%	13%	33%	29%	25%	21%
Women	64%	42%	48%	#	30%	28%	36%	25%	26%	34%	27%	34%
IPEDS Race/Ethnicity												
Nonresident Alien	55%	62%	#	#	41%	#	#	38%	#	#	#	#
Hispanic/Latino	52%	37%	31%	#	25%	29%	35%	17%	21%	20%	33%	29%
American Indian or Alaska Native	#	#	#	#	#	#	#	#	#	#	#	#
Asian	77%	50%	61%	#	38%	43%	43%	31%	38%	46%	31%	36%
Black or African American	44%	#	#	#	13%	#	#	#	#	#	#	#
Native Hawaiian or Other Pacific Islander	65%	38%	27%	#	17%	15%	18%	0%	#	25%	#	#
White	53%	40%	#	#	28%	41%	14%	3%	47%	30%	29%	32%
Two or more races	55%	40%	44%	#	23%	29%	30%	11%	21%	26%	17%	29%
Race and ethnicity unknown	#	#	#	#	#	#	#	#	#	#	#	#
Federal Grant/Loan Recipient												
Recipient of a Federal Pell Grant	60%	39%	47%	#	28%	29%	41%	23%	22%	29%	24%	36%
Recipient of a subsidized Stafford Loan who did not receive a Pell Grant	59%	45%	50%	#	13%	#	#	8%	#	#	#	#
Student who did not receive either a Pell Grant or a subsidized Stafford Loan	65%	43%	46%	#	29%	34%	30%	19%	33%	33%	30%	26%
PERSISTENCE RATE - Still enrolled after 150% of normal time to completion	3%	2%	6%	#	11%	8%	11%	15%	9%	10%	13%	6%
TRANSFER OUT RATE	N/A	N/A	N/A	#	10%	5%	8%	15%	9%	11%	9%	7%

A pound sign (#) denotes any cohort/subcohort with fewer than ten students.

1 Maui College Fall 2017 Bachelor's degree seeking First-time, Full-time cohort size was less than ten students

2 UHCC rates include figures for Maui College's Fall 2020 cohort not yet reported to IPEDS.

3 Figures not yet reported to IPEDS.

This information is provided for the Student Right-to-Know Act, Public Law 101-542. It provides a partial description of the graduation and enrollment patterns of students.

It should not be used to infer or predict individual behavior.

Institutional Research, Analysis & Planning Office, University of Hawai'i, March 2024

PARKING AND TRANSPORTATION

Bus Pass Program

WEBSITE: www.honolulu.hawaii.edu/upass

Honolulu CC is conveniently located where many bus routes cross. For current bus information call 808-848-5555 or visit www.thebus.org. TheBus University Bus Pass Program or U-Pass is a reduced rate bus pass valid for the Fall, Spring, and Summer terms. The U-Pass may be purchased at the Honolulu CC Cashier's Office in Building 6 with a valid UH System ID Card. All U-Pass sales are cash only and non-refundable. For more information on U-Pass, visit www.thebus.org/Fare/U-Pass_HCC.asp.

Parking

WEBSITE: www.honolulu.hawaii.edu/parking

All vehicles on the Honolulu CC campus are required to display valid parking permits. Specific dates, procedures, and information are included in the Honolulu CC Registration Guide (www.honolulu.hawaii.edu/registration). Parking Lot locations may be found on the campus map inside the back cover of this Catalog or at www.honolulu.hawaii.edu/map. Parking regulations are posted at www.honolulu.hawaii.edu/parking.

PURCHASING SEMESTER PARKING PERMITS:

Parking permit applications are available on-line at <https://portal.honolulu.hawaii.edu>. When the application is approved, the charge will be posted and payment will be done on-line through myUH account. The parking permit will be mailed via USPS. Parking permits may also be purchased at the Business Office in Building 6.

1. When buying permits students must:
 - a) Have paid tuition and fees IN FULL, enrolled in a Payment Plan, or applied for Financial Aid;
 - b) Possess a valid and current Driver's license;
 - c) Have no outstanding HonCC parking/traffic citations
2. Students may purchase permits for the following:
(cash, check, or debit card)
 - a) Student Permits \$20
 - b) Apprenticeship Permits \$20
 - c) Motorcycle Permits (Lot 2) \$10

Please note that parking permit fees are non-refundable and are subject to change.



Parking permits are purchased at the Cashier's Office.

PERMIT INFORMATION:

1. **STUDENT PARKING LOTS** are Lots 1, 1C, 3, 7, and 8. Lots 1B, 2, 3A, 4, 4A, and 6 are Faculty/ Staff lots which can be used by students during designated hours (refer to back side of parking permit). All students are encouraged to purchase a parking permit and park on campus.
2. **OFF MAIN CAMPUS LOTS:** Parking permits are required to park in Lot 50 (METC) and Lot 52 (ATC).
3. **MOTORCYCLE PARKING PERMITS (LOT 2)** are required for motorcycle parking on campus. Parking is restricted to designated areas in LOT 2.
4. **DISABILITY PARKING (LOTS 1 & 3):** Use of disability parking stalls requires that students purchase a student parking permit.
If disability parking stalls are occupied, parking is permitted in any marked parking stall on campus.
5. Replacement or Forgotten Permits: Temporary permits, for permit holders who forgot their permit, and replacement permits, for lost or damaged permits, can be obtained at the Honolulu CC Cashier's Office in Building 6.
6. For more PARKING information, i.e. Hon CC Parking Map, please refer to the website www.honolulu.hawaii.edu/parking.



SERVICES FOR STUDENTS

SERVICES FOR STUDENTS

ACADEMIC COUNSELING

BOOKSTORE

C.A.R.E

CAREER SERVICES

CHILD CARE

COMPUTER LAB

FOOD SERVICE

HAWAIIAN CENTER

HOUSING

LIBRARY

MATH LAB

MEDICAL INFORMATION

STAR

STEM CENTER

STUDENT ACCESS

STUDENT LIFE AND DEVELOPMENT

TESTING

TRIO-STUDENT SUPPORT SERVICES

TUTORING

WELLNESS CENTER

WRITING CENTER

ACADEMIC COUNSELING

WEBSITE: www.honolulu.hawaii.edu/counseling

EMAIL: honcouns@hawaii.edu

PHONE: 808-845-9162

FAX: 808-356-0962

OFFICE HOURS: See website above for the most current schedule

Academic Counseling is available to assist students in assessing their educational needs, career interests, academic qualifications, and selection of an appropriate degree program. Information on program requirements, program status and eligibility, course placement, course sequencing, course selection, registration, transfer, credit by exam, and graduation is also provided. Counselors also assist with financial aid and VA Education benefits certification, counseling related to academic success, course waiver/substitution, STAR Graduation Pathway set-up and review, and transcript evaluation.



To schedule an appointment with an Academic Counselor go to:

<https://www.honolulu.hawaii.edu/counseling> and click on

"Schedule an Appointment" or call the Academic Counseling office at 808-845-9162.

New Student - Registration

WEBSITE: www.honolulu.hawaii.edu/welcome

All new, non-transfer, students are required to schedule and attend a New Student Registration (NSR) session. During the NSR briefing, students receive academic advising about program requirements, college offerings, student support services, academic tools, and information on academic regulations. Academic Counselors conduct the NSR sessions and assist students with course registration after the briefings. Scheduling a briefing is simple:

1. The new student completes the online New Student Orientation (NSO) at www.honolulu.hawaii.edu/welcome; and
2. Once NSO has been completed, the student can sign up for an NSR session at <https://honolulu.hawaii.edu/academic-counseling/nsr-signup/>.

Prospective Student Information

WEBSITE: www.honolulu.hawaii.edu/admissions

EMAIL: honcc@hawaii.edu

Counseling is available to help prospective students select an appropriate degree program. Academic Counselors will assist students in assessing their educational needs, career interests, and academic qualifications. Information is shared regarding program requirements, services, and help students decide which degree program to undertake at Honolulu Community College.

INFORMED CONSENT/CONFIDENTIALITY: Informed Consent and Confidentiality expectations can be viewed at www.honolulu.hawaii.edu/services/informed-consent/

To schedule an appointment with a Counselor call the Academic Counseling office at 808-845-9162.

BOOKSTORE

WEBSITE: www.bookstore.hawaii.edu/hcc

EMAIL: hccbooks@hawaii.edu

PHONE: 808-845-9105

Located in Building 2 across the student lounge, the HCC Bookstore provides a great selection of textbooks, art materials, and school supplies for all courses and also offers a wide variety of beverage and snack items. In addition, the bookstore is the official store for Honolulu Community College apparel and gear. Please visit the bookstore website for information, announcements, and updated store hours. Also, follow us on Facebook and IG @honolulubookstore for special promotions.

COLLEGE ACHIEVEMENT AND RETENTION EXPERIENCE (C.A.R.E.)

WEBSITE: www.honolulu.hawaii.edu/care

EMAIL: honcare@hawaii.edu

PHONE: 808-845-9290

HOURS: Monday - Friday, 8:00am - 4:30pm

LOCATION: Building 7, Room 319

The College Achievement and Retention Experience (C.A.R.E.) program provides proactive, innovative, and high touch outreach to assist students attending Honolulu Community College. C.A.R.E. staff members are available to work closely with students who may need guidance and support by connecting them to resources, academic coaching, improving study skills, and creating a personalized success plan. No matter the barriers keeping students from success, the C.A.R.E. program wants to help by providing the most personalized and effective service possible.

Student Basic Needs

WEBSITE: www.hawaii.edu/student-basic-needs/

EMAIL: honcare@hawaii.edu

Basic needs includes, but are not limited to, food and housing, clothing, childcare, mental health, financial resources and transportation. At some point in your educational journey, you may face challenges in accessing adequate amounts of food, housing, financial or other resources. This is called basic needs insecurity and millions of college students experience it each year. To ensure that basic needs are met for all UH students, a list of on-campus resources and those available in the surrounding community can be found at the UH Student Basic Needs website above or stop by the C.A.R.E. office in Building 7, Room 319 for additional support.

HINET Ho'ola 'Ike

WEBSITE: <https://hinethawaii.org>

EMAIL: hinethon@hawaii.edu

HINET Ho'ola 'Ike Program provides support services to assist students with college and workforce education training. Support services include tuition assistance, books and mandatory fees, bus pass or mileage, uniforms, tools, service learning, etc. Students must qualify for SNAP (Supplemental Nutrition Assistance Program) and must meet eligibility requirements. For more information and helpful links to a wide-range of resources, visit <https://hinethawaii.org> or call 808-844-2353. For in-person inquiries, please stop by the C.A.R.E. office at Building 7, Room 319.

CAREER SERVICES

WEBSITE: www.honolulu.hawaii.edu/career

EMAIL: honcs@hawaii.edu

PHONE: 808-845-9204

LOCATION: Building 7, Room 320

HOURS: Monday - Friday, 8:00am - 4:30pm

Career Services provides a variety of programs and resources to assist students and graduates with career and employment needs. Services include career exploration and counseling, career assessments, career fairs, presentations, internships, Cooperative Education, and job leads for on-campus and off-campus employment. Students may also receive assistance with resumes, cover letters and interview preparation. Whether seeking a part-time or full-time job, Career Services is available to provide guidance through the entire job search process. For more information and helpful links to a wide range of resources, visit the website at www.honolulu.hawaii.edu/career.



CHILD CARE

WEBSITE: www.honolulu.hawaii.edu/keiki

PHONE: 808-845-9466

Keiki Hau'oli Children's Center is one of three training sites for Early Childhood students enrolled in certificate and degree programs at Honolulu CC. The Center is nationally accredited by the National Association for the Education of Young Children and provides quality care and learning opportunities for children of Honolulu CC students, faculty and staff, and the community (when space is available). The Center is staffed by teachers who are trained in Early Childhood Education, by Honolulu CC teacher trainees under the supervision of a college instructor, and by employed student assistants. Presently there are two classrooms: Infant-Toddler and Preschool. Space is limited and students, faculty members, and staff members are encouraged to apply early.

The application is available at www.honolulu.hawaii.edu/keiki



PRIORITY FOR ENROLLMENT: Priority for Children's Center enrollment will be given to:

- 1) Enrolled children and their siblings;
- 2) Children of Honolulu CC students, staff, and faculty;
- 3) Children of UH System students, staff, and faculty; and
- 4) Children of the greater community.

AGES: INFANTS AND TODDLERS 3–30 months

PRESCHOOL 2 1/2–5 years

FEES: See www.honolulu.hawaii.edu/keiki

THE FACILITY is located in Building 11, adjacent to Building 2. The Children's Center Office is in Building 2, Room 212. Classroom hours are below.

HOURS: INFANT AND TODDLER PROGRAM 7:45 a.m. to 3:15 p.m. Monday–Thursday
7:45 a.m. to 2:00 p.m. Friday

PRESCHOOL PROGRAM 7:45 a.m. to 3:15 p.m. Monday–Thursday
7:45 a.m. to 2:00 p.m. Friday

The Children's Center observes all college holidays and non-instructional days. For a complete listing see **ACADEMIC CALENDAR**.

COMPUTER LAB FACILITIES

WEBSITE: www.honolulu.hawaii.edu/computerlab

With the growing importance of computer based technology in all areas of life and work, the college provides a variety of Computer Labs and Computer Classrooms for various subject areas and programs. These include Computer Labs for Information and Computer Science as well as computer-assisted drafting and design (CADD) (Building 2, 6th Floor), Math Lab (Building 7, 4th Floor), Writing Center (Building 7, 5th Floor), and Computer Labs in the Student Success Center (Building 7, 3rd Floor), Hawaiian Center (Building 5, 2nd Floor), and the STEM Lab.



The Campus Open Computer Lab in Building 2, Room 405 has PC and Mac computers, printers and scanners for student use. Paper packets for printing are also available for purchase at the Honolulu CC Bookstore. For more information visit <https://www.honolulu.hawaii.edu/computerlab> or phone 808-845-9293.

FOOD SERVICE

WEBSITE: www.honolulu.hawaii.edu/food

Hale 'Aina, the campus cafeteria operated by Banquet Solutions Hawaii, serves breakfast, lunch, dinner, and a variety of small food items and drinks. During the academic year, they are open Monday through Saturday, with varying hours.

Food and drink options are also available at the Bookstore (located on the first floor of Bldg 2) and at various vending machines on campus.

Detailed food service information, including hours of operation, can be found on the HonCC website.

HAWAIIAN CENTER

Hulili Ke Kukui Hawaiian Center (The Blazing Light of Knowledge)

WEBSITE: www.honolulu.hawaii.edu/services/hawaiian-center/

EMAIL: hulilik@hawaii.edu

PHONE: 808-844-2345

LOCATION: Building 5, 2nd Floor, Makai Wing

Kaleialoha Lum-Ho, Hawaiian Center Coordinator
(808-845-9176; lumho@hawaii.edu)

Kahale Saito, Native Hawaiian Counselor (808-845-9112; fsaito@hawaii.edu)

Paul Kalani Ka'awa Flores-Hatt, Jr., Hawaiian Cultural and Place-Based Campus Coordinator (808-845-9489; pflores@hawaii.edu)

The Hulili Ke Kukui Hawaiian Center is committed to actively preserve and perpetuate Hawaiian culture and values. The Hawaiian Center offers an array of comprehensive services that strengthen the college's educational programs and enable students of Hawaiian ancestry to succeed in their academic, career and individual endeavors.

The Center is open to ALL students and faculty and services include:

- Study Space
- Peer Mentoring
- Computer Lab & Printing
- Mālama 'Āina Days
- Cultural Enrichment Workshops
- Guest Speakers
- Native Hawaiian Counselor
- Scholarship Application Assistance



Po'i Nā Nalu Native Hawaiian CTE & STEM Pathways Program

WEBSITE: www.honolulu.hawaii.edu/services/hawaiian-center/poi-na-nalu/

EMAIL: nanalu@hawaii.edu

LOCATION: Building 5, 2nd floor, Makai Wing

Greg Kashigi, Program Manager (808-844-2322; gkashigi@hawaii.edu)

Kathleen Ballesteros, Academic Support Coordinator (808-844-2347; ks@hawaii.edu)

Ka'ano'i Akaka, Hawaiian Cultural Education Coordinator (808-844-2323; arianaa@hawaii.edu)

Established in 1995, Po'i Nā Nalu is Honolulu Community College's oldest Native Hawaiian-serving program. Its goal is to prepare Native Hawaiian students for employment into high-demand occupations with family-sustaining wages by providing vigorous and culturally appropriate opportunities for academic and professional success.

Eligibility Requirements:

1. Native Hawaiian ancestry
2. HonCC must be your home campus
3. Enrolled in a CTE or STEM program
4. In good academic standing (minimum cum GPA of 2.0)

Participating students can access a variety of support services including:

- Loan-Out Program (textbooks, laptops, electronics, tools, etc.)
- Protective Wear/Uniform Assistance
- Career-Readiness Program (Résumé, Interview Prep, Mock Interviews, etc.)
- Paid Internships
- Paid Membership Fees (Educational & Professional)
- Paid Certifications & Licenses
- Paid Conference Fees
- Free Printing
- Workshops (College & Career Development, Cultural Enrichment, Financial Literacy)
- Entrepreneurship Development Training
- Community Service Opportunities
- Field trips to four-year campuses, cultural sites, and career sites
- Academic and Career Advising
- Tutoring and Peer Mentoring

If you meet the eligibility requirements and are interested in applying for Po'i Nā Nalu, please visit our website or email us at nanalu@hawaii.edu for an application.

This project is supported by the Native Hawaiian Education (NHE) program of the U.S. Department of Education, as part of an award totaling \$1,333,828, with 0 percent financed with non-governmental sources. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by NHE, the U.S. Department of Education, or the U.S. Government. For more information, please visit www.ed.gov.

Ola Niuheleawai – Improving Native Hawaiian Success through Well-Being

WEBSITE: www.honolulu.hawaii.edu/services/hawaiian-center/ola-niuheleawai/

EMAIL: hulilik@hawaii.edu

PHONE: 808-844-2345

Kaleialoha Lum-Ho, Project Manager/Co-Principal Investigator (808-845-9176; lumho@hawaii.edu)

Kahale Saito, Project Manager/Co-Principal Investigator (808-845-9112; fsaito@hawaii.edu)

Jo Ann Kapulani Tuifanu, Ola Pono Program Specialist (808-845-9447; tuifanu@hawaii.edu)

Nalehua'ō Puna Donlin, 'Āina Program Specialist (808-845-9427; ndonlin@hawaii.edu)

Jaymi Nakashima, Educational Specialist (808-845-2314; jaymin@hawaii.edu)

Ola Niuheleawai is a five-year project (10/1/2020 to 9/30/2025) entirely funded by a U.S. DOE Alaska Native and Native Hawaiian-Serving Institutions Program Title III Grant. The goal of this project is to raise HonCC's Native Hawaiian students' satisfactory academic progress, retention, and graduation by increasing their health literacy through a culturally relevant curriculum focused on the roles of 'āina (land) and ola pono (personal health and wellness) in mauli ola (well-being). Through the proposed goals and activities HonCC hopes to build the capacity of its Native Hawaiian students to increase educational attainment and improve their personal health and well-being. The skills and knowledge that students will develop as a result of their participation in this project will lead to advances in Native Hawaiian academic progress, retention, and graduation, and increase prospects for high-skill, high-wage careers. By building a strong foundation, students will begin to contribute to the mauli ola of their families, the community, and the lahu (nation).

Activities include:

- Native Hawaiian New Student Registrations
- Native Hawaiian New Student Orientation

- Workshops and huaka'i (field trips) focused on the roles of 'āina (land) and ola pono (personal health and wellness) in mauli ola (well-being)
- Mentorships in the field
- Leadership development training
- Peer Mentorships

Kūkalahale: Building an Indigenous-Serving Institution Through Professional Development

WEBSITE: www.honolulu.hawaii.edu/services/hawaiian-center/kukalahale-project/

Paul Kalani Ka'awa Flores-Hatt, Jr., Co-Principal Investigator (808-845-9489; pflores@hawaii.edu)

E. Ululani Kahikina, Program Coordinator (808-845-9490; eliseuk@hawaii.edu)

TBD, E Ho'i Nā Wai Hawaiian Culture Education Specialist

L.G. Mahi La Pierre, Kipaipai Aloha & Ho'omōhalu Hawaiian Culture Education Specialist (808-845-9230; lapierre@hawaii.edu)

Rokki Midro, Multimedia Specialist (808-845-9440; rmidro@hawaii.edu)

Kūkalahale is a five-year project (10/1/2019 to 9/30/2024) entirely funded by a U.S. DOE Alaska Native and Native Hawaiian-Serving Institutions Program Title III Grant. The overarching theme of this collaborative project between Honolulu Community College and Kapi'olani Community College is indigenous education frameworks in professional learning. All educators are welcome to participate (educators are defined as anyone who works on the campus as we all have a kuleana to provide a safe place for students to learn and grow). The goals of the program are to increase HonCC and KapCC's capacity to implement indigenous ways of teaching, learning and supporting student success on the campuses and to increase access to training on indigenous education methodologies to other campuses in support of the University of Hawaii's mission to become a model indigenous-serving institution through the following activities:

- Workshops focusing on individual topics (i.e. learning styles, Hawaiian language, Hawaiian values),
- Field trips to community organizations to build partnerships and wahi pana (places of significance) to support a sense of place on each campus,
- One-week symposium to introduce indigenous education methodologies and practices,
- One year of in-depth training in indigenous education methodologies,
- Mentorship training, and
- Train-the-trainer program.

HOUSING INFORMATION

WEBSITE: manoa.hawaii.edu/housing/

Honolulu Community College has no housing facilities and the College does not supervise, recommend, or assume responsibility for any housing facility. Options may be available within the University of Hawai'i System.

LIBRARY

WEBSITE: <https://library.honolulu.hawaii.edu/home>

EMAIL: honcclib@hawaii.edu

PHONE: 808-845-9199 Information & Reference
808-845-9221 Circulation

LOCATION: Building 7, Floors 1-2

The Library supports the College's mission and core values by providing student-centered resources, services, programs, and spaces that encourage student learning and success. Librarians provide reference and research instruction that promotes information literacy and critical thinking skills for lifelong learning. Study and collaborative spaces create a welcoming environment that fosters social and student learning activities.



The Library offers:

Resources

- Books (print and electronic)
- Magazines (print and digital)
- Research Databases - content from magazines, scholarly journals, newspapers, etc.
- Streaming Video Collections
- Course Reserves
- Online Research and Subject Guides

Assistance Provided In-Person, by Telephone, and Online

- Reference and research support
- Information literacy instruction
- Circulation services for loans, renewals, and library accounts

Technology Services

- Computer workstations and laser printing
- Zero-cost digital scanning
- Mobile device charging stations

A Sense of Place

- Group study rooms for academic use
- Main floor - open collaborative space for sharing and discussion
- Upper floor - individual carrels/tables for independent quiet study
- Engaging seasonal displays and presentations

MATH LAB

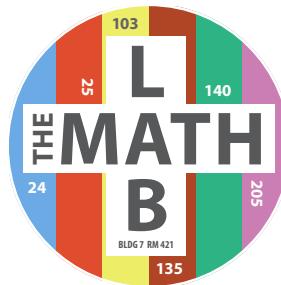
WEBSITE: www.honolulu.hawaii.edu/mathlab

EMAIL: gtengan@hawaii.edu

PHONE: 808-845-9403

LOCATION: Building 7, Room 421

Provides help and support for mathematics success. Peer mentors and student assistants are trained to help students understand concepts and improve their math skills. Contact the lab or drop by to arrange in-person or online appointments.



MEDICAL INFORMATION

In the event of an emergency, please call 911.

Campus Security can be reached at 808-284-1270 or 808-271-4836.

Health Clearance - Inquiries regarding registration or health clearance holds should be made with the Admissions/Records Office at 808-845-9129 or honcc@hawaii.edu.

Medical Emergency - Please follow campus emergency posters and do not come to campus or the Health Office if you are sick or having a medical emergency. Call 911 then Campus Security at 808-284-1270 or 808-445-1482. NON-COLLEGE SERVICES SUCH AS AMBULANCE AND EMERGENCY ROOM FEES ARE NOT COVERED BY THE COLLEGE. The student should expect to pay these costs.

Medical Insurance - Students are encouraged to seek out obtaining medical insurance coverage which may be available to them through their or their parent's employer, UH's student medical insurance plan which may be accessed via the University of Hawaii Services at Manoa's webpage at https://www.hawaii.edu/shs/student_insurance/ or those who meet State of Hawaii insurance guidelines may contact www.medquest.hawaii.gov. International students must purchase the University endorsed student plan or another insurance plan that meets the university's minimum requirements. If you plan to purchase another medical health insurance policy, make sure this policy will meet the UH Standards before you purchase it, as many policies do not meet these requirements.



STAR

WEBSITE: www.star.hawaii.edu
 (Login with MyUH Portal username and password)
EMAIL: honcouns@hawaii.edu
PHONE: 808-845-9162

STAR is the official arbiter of degrees for the University of Hawai'i System.

STAR provides students access to their academic record. STAR is an academic planning tool designed to help students navigate through college and their progress toward academic degree program completion. STAR highlights include:

- **GRADUATION PATHWAY:** Helps students prepare for registration and suggest courses to take each semester until they graduate. Provides proposed graduation date.
- **ACADEMIC ESSENTIALS:** Displays degree requirements and shows how students are progressing toward degree completion.
- **TRANSCRIPT:** Displays academic record per semester, grades, grade point average and transfer courses.
- **WHAT IF JOURNEY:** Provides information on how a student's current record satisfies course requirements for another degree in the University of Hawai'i system.
- **SCHOLARSHIP:** Provides a link to UH Foundation Scholarship information.

For more information please visit <http://star.hawaii.edu/help/>

To schedule an appointment with an Academic Counselor go to:
<https://www.honolulu.hawaii.edu/counseling> and click on "Schedule an Appointment" or call the Academic Counseling office at 808-845-9162.

STEM CENTER

WEBSITE: www.honolulu.hawaii.edu/stem
PHONE: 808-845-9494
LOCATION: Building 5, Room 130

Located in the piko (heart) of the campus in Building 5, ground level, the HonCC STEM Center provides a location for students, staff, and faculty to use for study groups, office hours, meetings, and workshops related to STEM programs and initiatives.

The STEM Center also hosts projects funded by various granting agencies (including NASA) and our annual STEM Symposium. Resources available include computers, color printers, and 3D printers for students to utilize.

STEM CENTER



STUDENT ACCESS

WEBSITE: www.honolulu.hawaii.edu/disability
PHONE: 808-844-2392 (voice/text) or 808-845-9272 (voice/text)
LOCATION: Building 7, Room 311

In accordance with Section 84.4 of the Federal rules and regulations governing Section 504 of the Rehabilitation Act of 1973, no qualified individual with a disability shall, on the basis of their disability, be excluded from participation in, be denied benefits of, or otherwise be subjected to discrimination under any program or activity which receives or benefits from Federal financial assistance.

Through Student ACCESS, Honolulu CC provides coordinated services for students with documented disabilities. The following support services may be arranged on an individual basis:

- Application, admissions, financial aid, and registration assistance;
- Career and academic counseling;
- Campus orientation;
- Auxiliary equipment in the classroom such as portable tables, adjustable height drafting tables, adjustable chairs and electronic equipment such as digital recorders.

- Academic accommodations such as classroom materials in alternate formats, notetaker services, readers, scribes, distraction-reduced testing environments, sign language interpreters, and/or other academic support services as appropriate.

A campus accessibility map showing locations of ramps, rest rooms, elevator and disability parking stalls is available from Student ACCESS and at the Disability Access website (www.honolulu.hawaii.edu/disability).

- Students with official disability parking placard and ID card may purchase semester parking through the Cashier's Office.

For information regarding minimum essential mental, physical and behavior skills necessary for participation in and completing all core aspects of any Career and Technical Education curriculum, visit individual CTE programs web page to view Technical Standards.

Students requesting special services must provide appropriate documentation and contact Student ACCESS as early as possible to allow sufficient time for services to be put in place. For further information contact Student ACCESS, located in Building 7, Room 311, phone 808-844-2392 (voice/text) or 808-845-9272 (voice/text). Documentation guidelines are also posted online at www.honolulu.hawaii.edu/disability.

STUDENT LIFE AND DEVELOPMENT

WEBSITE: www.honolulu.hawaii.edu/studentlife/

LOCATION: Building 2, 1st floor

EMAIL: hccsld@hawaii.edu

INSTAGRAM: @honcc_SLD

Honolulu Community College recognizes the need for active student involvement in college governance and the necessity for out-of-classroom enrichment experiences for the total development of the student.

Student Life activities add a dynamic dimension to the college experience by providing new learning experiences and opportunities to build a stronger community.



Campus Center

The Campus Center on the first floor in Building 2 includes offices for the chartered student organizations, the Student Lounge, and the Bookstore. The Student Life and Development Office, located on the Diamond Head side of the first floor, provides support for all student organizations on campus, houses the Lost and Found, locker rentals, bulletin board management, and produces Student IDs for the College.

The Chartered Student Organizations

Student organization leadership provides interested students the opportunity to learn and develop leadership skills. Student leaders learn meeting management, budget management, event planning, communication skills and individual and group decision-making and interaction techniques. The Chartered Student Organizations accept applications for leadership positions at all times of the year. For more information contact the Student Life office.

Student Media, hccsmb@hawaii.edu

The Student Media Board (SMB) governs all student media and publications at Honolulu Community College which encourages self-expression, artistic creativity, and campus involvement. SMB strives to shape campus communication to insure their effective service to the student body and help express student voices. Visit our affiliate websites at my.bio/hccsmb.

SMB oversees Ka Lā News, the student newspaper, Ka Lā Podcast, the student podcast, Art & Soul, the creative arts and literary magazine, and the campus Digital Signs. Students are encouraged to submit their artwork to be featured in the Art & Soul Magazine. Stay up to date with campus news and events on Instagram: @hcckalanews.

Student Government, hccsg@hawaii.edu

The Student Government (SG) represents the voices of students on campus, in the UH System and beyond. The Student Government leaders serve on most college committees and work groups to ensure that the student perspectives are represented. It is through this important student organization that students play a prominent role in the governance of the College and the University System. All fee paying students are constituents of the Student Government of Honolulu Community College. (See also Tuition and Fees). You can always send your questions, comments or concerns about the student experience to the student government leaders: hccsg@hawaii.edu.

Student Activities Board, hccsab@hawaii.edu

The Student Activities Board (SAB) sponsors social, cultural, recreational and educational programs. It initiates activities and supports other campus clubs and organizations in delivering a wide range of interesting programs to the campus community. Events are on campus, off campus and virtual such as food socials, cultural celebrations, open mic, bowling, hiking, sports events, game shows, and museums. The SAB also is the coordinator for our campus sports teams. We have had volleyball, basketball, softball, dodgeball and flag football teams. These teams play in an intramural league with other UH System schools. To stay up to date with the activities on Instagram: @honcc_sld

Registered Independent Student Organizations (RISOs)

Registered Independent Student Organizations (RISOs), often referred to as clubs, are groups of students with a common focus or interest. From Fashion Society and Justice Society to Sustainability Club and Korean Club, there are many groups on campus to choose from. If you don't see one of interest, any group of current students can create a new RISO by applying with Student Life. For more information contact the Student Life and Development Office.

Voter Registration

Contact: Student Life & Development

To register to vote in Hawaii, an individual must be a:

- A U.S. citizen
- A resident of the State of Hawaii
- At least eighteen (18) years of age.

Hawaii's Online Voter Registration System: <https://olvr.hawaii.gov>

(A current Hawaii Driver's License or State ID is needed to complete an application online.)

TESTING

WEBSITE: www.honolulu.hawaii.edu/mathlab

EMAIL: honccdet-l@lists.hawaii.edu

PHONE: 808-845-9130

LOCATION: Building 7, Room 313

Testing services include offering UH Community College System Math and English placement testing, make-up distance education testing, on-campus make-up testing, and testing accommodations including the use of assistive technologies.



TRIO-STUDENT SUPPORT SERVICES

WEBSITE: www.honolulu.hawaii.edu/trio

EMAIL: hontrio@hawaii.edu

PHONE: 808-844-2366

LOCATION: Building 7, Room 325

TRIO-SSS is designed to:

- Increase the retention and graduation rates of eligible students;
- Increase the transfer rates of eligible students from two-year to four-year institutions; and
- Foster an institutional climate supportive of the success of eligible participants.

TRIO-SSS strives to provide a wide range of support to qualifying participants. To qualify, the student must meet at least one of the following criteria: be a first-generation student (parent or legal guardian does not have a baccalaureate degree), or be low-income as defined by the federal government, or have a documented disability, and be a U.S. citizen or permanent resident. Students accepted into the program will receive academic planning, career guidance, transfer assistance, financial literacy, professional development opportunities, guided individualized assessment and education planning, tutoring, mentoring, cultural and educational workshops, community service activities, and other academic support. For more information, visit the TRIO-SSS website or call 808-844-2366.



TUTORING

WEBSITE: www.honolulu.hawaii.edu/tutoring

EMAIL: hontutor@hawaii.edu

PHONE: 808-845-9454

LOCATION: Building 7 Library, First Floor

The tutoring center at Honolulu Community College offers free tutoring services and resources. Peer tutors are formally trained following guidelines set by the College Reading and Learning Association. We offer in person and online tutoring via Zoom. We take walk-in appointments and offer scheduled appointments as well. We are conveniently located in the Library.



WELLNESS CENTER

WEBSITE: www.honolulu.hawaii.edu/wellnesscenter

EMAIL: hccwell@hawaii.edu

PHONE: 808-845-9180

LOCATION: Building 5, Room 117

The Wellness Center will provide confidential, personal/crisis counseling and community referral services to registered students. Counseling services are strength-based and solution-focused to help students manage personal life issues and navigate their college experience. The Wellness Center also offers in-class presentations and educational services to the campus community on topics relevant to mental health. Services are free and confidential. To schedule an appointment or for campus outreach requests, please call 808-845-9180 or email hccwell@hawaii.edu.



THE WRITING CENTER

WEBSITE: www.honolulu.hawaii.edu/writingcenter

PHONE: 808-845-9477

LOCATION: Building 7, Room 520

The Writing Center helps students become better writers and succeed in college. Writing Center coaches are trained to help improve any writing assignment and assist with all aspects of the writing process – brainstorming, outlining, thesis development, revision strategies, citations, and essay structure. The Writing Center also provides strategies to improve comprehension of challenging reading material. Appointments are available at no cost and include one-on-one conferences with tutors, and online and e-tutoring for Distance Learning students or students who are not able to be on campus. Schedule appointments online at www.honolulu.hawaii.edu/writingcenter or call 808-845-9477.



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PAYING FOR COLLEGE

TUITION

WEBSITE: www.honolulu.hawaii.edu/tuition/tuition-fees/

All tuition and fee charges at University of Hawai'i campuses are subject to change in accordance with requirements of State law and/or action by the University of Hawai'i Board of Regents or College Administration.

Tuition and Fees (Per Semester)

All required tuition and fees must be paid by the student by the deadline or registration may be canceled. Students in need of financial aid may be assisted through the College's financial aid program.

Resident Tuition (per semester)

Tuition	\$131.00/credit
Student Activity Fee ...	\$ 5
Student Media Fee	\$ 5
Student Government Fee	\$ 0.50-\$5

Non-Resident Tuition (per semester)

Tuition	\$345.00/credit
Student Activity Fee ...	\$ 5
Student Media Fee	\$ 5
Student Government Fee	\$ 0.50-\$5

Pacific Isle Institution Non-Resident Exemptions Tuition (per semester)

Tuition	\$196.50/credit
Student Activity Fee ...	\$ 5
Student Media Fee	\$ 5
Student Government Fee	\$ 0.50-\$5

Summer 2025 Tuition Schedule

(Please refer to the following website: <https://www.hawaii.edu/offices/vp-academic-strategy/tuition-schedule/>)

Residents	\$248/credit
Non-residents	\$357/credit

Payment Plan

WEBSITE: www.honolulu.hawaii.edu/paymentplan

Students who have registered and cannot pay in full by the designated deadlines and have an unpaid balance of \$300.00 or more may have the option to enroll in the Payment Plan. Students in the Plan are assessed \$30.00 per semester and are expected to pay all financial charges incurred. For more Payment Plan information, please refer to the website at www.honolulu.hawaii.edu/paymentplan.

Non-Credit Course Tuition and Fees

Apprentice & Journey Worker **\$0.50 per clock hour**

(Fees for other non-credit courses vary. See course announcements for details.)

Non-Resident Application Fee

For non-residents, there is an application evaluation fee of \$25.00.

Other Fees:

Books, Tools, and Other Supplies	Costs vary program to program and are noted in the <i>DEGREES</i> or <i>PROGRAM DESCRIPTION</i> sections of this catalog.	
College Catalog	The Catalog is available for review at the Records Office and online at www.honolulu.hawaii.edu/catalog .	
Child Care Fees *	For information about current fees and payment schedule, call 808-845-9466 or go to www.honolulu.hawaii.edu/keiki . There is a \$240 non-refundable comprehensive fee to hold a child's space in the program after Notification of Acceptance. A semester fee payable in four installments is charged. Children may not be allowed to continue if fees are not paid according to the payment schedule. * Financial Aid may be used for child care expenses. Contact the Financial Aid Office at 808-845-9116.	
Credit by Institutional Examination	The charge is equivalent to 50% of the tuition of the course. (Based on the prevailing tuition and fee schedule.)	
Dishonored Checks	\$25.00 service charge for checks made out to Honolulu Community College and returned for any cause.	
Educational Record Copy	\$2.00 per copy (Includes Fee Statement copy)	
Financial Obligations to the College	(See Student Services, Student Regulations.)	
Graduation Fee	(See Degrees and Certificates, Graduation Information.)	
Portfolio Based Assessment	This charge is equivalent to 60% of the tuition of the course. (Based on prevailing tuition and fee schedule.)	
Registration Fees:		
• Late Registration Fee	\$30.00 for Fall and Spring Semesters	
Student Activity Fee	\$5.00 per student per semester	(Not assessed for Summer Session)
Student Government Fee	1–9 credits \$0.50 per credit 10 credits and above.. \$5.00 (flat rate)	(Not assessed for Summer Session) (Not assessed for Summer Session)
Student Media Fee	\$5.00 per student per semester	(Not assessed for Summer Session)
Transcript Fee	\$5.00 per transcript	For transcripts sent outside the University of Hawai'i System, for student copies, or for UH non-admission purposes. (Plus additional online processing fee of \$2.90 or \$3.90 depending on the method of delivery requested.)
	\$15.00 per copy	For 24-hour rush processing (Additional postage fees are charged for transcripts sent outside the United States.)

Tuition Waivers

Faculty/Staff Tuition Waiver

Faculty and staff may be eligible for tuition waivers. Employees must be employed on a half time basis or more to be eligible for tuition waivers at any campus for a maximum of six credits per semester.

PROCEDURES FOR WAIVER APPLICATION AND REGISTRATION:

1. Complete the University of Hawai'i (UH) Faculty/Staff Tuition Waiver Form and a Request for Tuition Waiver Form available online at <https://www.honolulu.hawaii.edu/intranet/forms/human-resources/>.
 2. Obtain form approval from supervisor, and eligibility authorization from Human Resources.
 3. Submit forms to the Business Office to receive the waiver.
 4. New Students: submit an application to Admissions.
Continuing Students: register online at myuh.hawaii.edu.
- Registration is during the Late Registration period on a space available basis. Faculty and staff who register before this period will be assessed all applicable tuition and fees. No refunds will be made, nor will changes be made in tuition status after registering.
5. Effective for the Fall 2009 term, tuition waivers for eligible faculty, staff, spouse, and/or domestic partner, must be received on-line or by the Business Office no later than the last day of the 50% refund period for which the waiver is being used.

Senior Citizens Visitor Program

Although UH Policy no longer provides tuition waivers for senior citizens, there are provisions for seniors who are not seeking credit. The Senior Citizens Visitor Program is available for seniors who are 60 years of age or older on the first day of instruction and who are bona fide residents of the State of Hawai'i. Students who elect to participate in the Senior Visitor Program cannot enroll in credit bearing or trade courses. Contact the Admissions Office 808-845-9129 for more information and application deadlines.

Other Tuition Waivers (See FINANCIAL AID.)

Tax Credit Information

For all University of Hawai'i Students, Parents, Faculty and Staff

Website: http://www.fmo.hawaii.edu/student_accounts/index.html#tab5_4

The Form 1098-T is a federal tax form which colleges and universities are required to issue in reporting qualified tuition and related expenses paid by each student (except for nonresident alien students) and the scholarships and grants awarded to each student for the calendar year.

Form 1098-T is informational only. Receipt of the Form 1098-T does not indicate eligibility for the tax credit.

The following are brief explanations of each of the tax credits.

The American Opportunity Tax Credit allows a maximum refundable tax credit of up to \$2,500 for each eligible student for qualified tuition and related expenses paid during the first four years of undergraduate education. Qualified tuition and related expenses are tuition, fees, and course materials required for a student to enroll at or attend an eligible educational institution.

The Lifetime Learning Credit allows a maximum credit of up to \$2,000 for eligible expenses paid during the calendar year. The Lifetime Learning tax credit applies to students in undergraduate, graduate and professional degree programs and to students enrolled in coursework to acquire or improve job skills. Students who are not eligible to claim the American Opportunity tax credit may be eligible to claim the Lifetime Learning tax credit.

What does this mean for UH students? A 1098-T form will be generated for all students, except nonresident alien students, who attended a University of Hawaii campus for credit classes and paid for qualified tuition and related expenses or received a scholarship or grant during the 2024 calendar year. Forms will be available for viewing in MyUH Portal by January 31, 2025. Contact your campus contact person if you need assistance.



How do I take advantage of these benefits? Please review the IRS Publication 970 and consult with a professional tax advisor to determine if you are eligible for any tax benefits for education and related issues. IRS Publication 970 will also provide information on how to claim these benefits.

Note: The Taxpayer Relief Act of 1997 requires the University to collect and use students' Social Security Numbers or ITINs to report qualified tuition and related expenses billed to students and scholarship and grant payments made to students to the IRS each year.

Refunds (See Academic Calendar for Refund Schedule)

TUITION AND SPECIAL COURSE FEES REFUND POLICY – REGULAR ACADEMIC SEMESTER:

1. 100% refund of tuition for Complete Withdrawal only if made on or before the last day of Late Registration (Add Period).
2. 100% refund of tuition for Change in Status or Tuition Rate if made on or before the last day of Late Registration (Add Period), unless otherwise stipulated by Federal regulations.
3. 50% refund of tuition for Complete Withdrawal or Change in Status or Tuition Rate if made after the Late Registration period (Add Period), but on or before the end of the Refund Period, (third week of instruction), unless otherwise stipulated by Federal regulations.
4. 0% refund if Complete Withdrawal or Change in Status or Tuition Rate is made after the Refund Period, unless otherwise stipulated by Federal regulations.



ACTIVITY FEE, PUBLICATION FEE, AND STUDENT LIFE FEE REFUND POLICY:

1. 100% refund if Complete Withdrawal from all courses within the UH System is made before instruction starts or within the first week of instruction.
2. No refunds of less than \$1.00.

PAYMENT OF REFUNDS: For a partial withdrawal, the student should receive a refund within four weeks following the end of the 50% refund period.

TUITION AND SPECIAL COURSE FEES REFUND POLICY – SUMMER SESSION AND NON-SEMESTER LONG CREDIT COURSES:

1. The refund period shall be 20% of the part of term. The instructional period includes all calendar days beginning from the first day of the part of term and ending on the last day of the part of term. No refunds will be made for courses where the instructional period is 10 days or less, except before the first day of instruction. Refunds for credit courses that are not semester long shall be as follows:
 - a. 100% refund for complete withdrawal only if made on or by the second day of the part of term.
 - b. 50% refund for complete withdrawal or change in status or tuition rate if made after the second day of the part of term, but on or before 20% of the part of term, unless otherwise stipulated by Federal regulations.
2. For Non-Credit Courses or Workshops:

Honolulu CC English Language Learner Options (HELLO) Transfer and Refund Policy: A request to transfer to another course or to completely withdraw from a course must be submitted by the fifth working day after the first class meeting. Thereafter, refunds will not be permitted.

All other Continuing Education Courses: 100% Refund for requests made three business days prior to the first day of instruction.

FINANCIAL AID

WEBSITE: www.honolulu.hawaii.edu/tuition/overview/

PHONE: 808-845-9116

EMAIL: honccfao@hawaii.edu

FEDERAL SCHOOL CODE: 001612

The Financial Aid program at Honolulu Community College helps students who can benefit from higher education but who may have difficulty attending college without financial assistance. The Financial Aid program adds to the efforts of the student and the student's family. All students at Honolulu CC may apply for financial aid.



Completing the Free Application for Federal Student Aid (FAFSA) is the first step toward receiving federal aid for college.

The FAFSA must be completed every year in order to receive financial aid for each school year.

How to Apply

Online at [studentaid.gov](https://studentaid.gov/h/apply-for-aid/fafsa)

- Go to <https://studentaid.gov/h/apply-for-aid/fafsa>
- Create an FSA ID for you and your parent (if applicable). The FSA ID is used to sign the application electronically. If you or your parents cannot create an FSA ID, please contact the Federal Student Aid Information Center (FSAIC) at 1-800-433-3243 for assistance.
- Make sure to read the instructions carefully.
- **Honolulu CC's Federal School Code is 001612**

Your FAFSA information will be sent to Honolulu CC and our office will use the information to determine the financial aid you may be eligible for. All communications regarding your financial aid including requests for additional information will be sent via email. Student requirements can also be found on MyUH. When your financial aid award has been finalized, an email notification will be sent to your UH email.

When to Apply

The FAFSA is available in December for the following school year. We encourage students to complete the FAFSA as early as they can to get the most favorable financial aid award.

To optimize your financial aid awards, please complete your FAFSA by the following dates:

Fall Semester - March 1st

Spring Semester - October 1st

You may still apply after these dates but be prepared to pay for tuition and other expenses until you are awarded financial aid.

Who is Eligible

Eligibility Criteria

Financial aid programs are regulated by federal, state, and institutional policies. Most financial aid guidelines specify the following basic eligibility requirements:

- Be a U.S. citizen or an eligible non-citizen (permanent resident).
- Have earned either a high school diploma, GED certificate, or equivalent.
- Be a classified student in an eligible associate or certificate degree program at Honolulu Community College. To check if a program is eligible for financial aid, please contact the Financial Aid Office.
- Meet the UHCC Satisfactory Academic Progress Policy.
- Not be in default on a Federal educational loan or owe a refund on a Federal grant.
- Submit all required documents needed to process your financial aid application.

Maintain Eligibility

In order to maintain your financial aid, you must follow the policies stated below. Failure to follow these policies may result in an adjustment, delay, and/or cancellation of your financial aid.

- You must comply with the UHCC Satisfactory Academic Progress Policy.
- Inform the Financial Aid Office of changes to your student status, program of study, and/or enrollment level.
- Notify the Financial Aid Office if you receive financial assistance (e.g. scholarships and tuition payments) from other agencies.
- Completely withdraw from classes or stop attending classes; and
- Change your name and/or other personal information.

UHCC Satisfactory Academic Progress Policy

In accordance with the U.S. Department of Education regulations 668.32(f) | 668.34 | 668.16(e), students enrolled at Honolulu CC must be making satisfactory academic progress to be eligible for financial aid.

Financial Aid Satisfactory Academic Progress Policy is separate and distinct from the institution's academic progress policy. All credits attempted in any semester of enrollment at the student's home campus, regardless of aid status, will be counted when calculating all measures of satisfactory academic progress. Financial aid calculations for GPA, as well as credits earned and attempted include all home campus and transfer coursework ever taken. These calculations may be different from what the student sees on their academic transcript. The minimum academic requirements and the student's status can be viewed in their MyUH Services portal.

More information about Honolulu Community College's Satisfactory Academic Progress can be found at uhcc.hawaii.edu/financial/files/UHCC_SAP_POLICY_FINAL.pdf

Financial Aid Award Offers

Financial Aid Offer

Once your application has been reviewed and your eligibility has been determined, you will be notified through your UH email account advising you to view your financial aid status on your MyUH portal. Please read the email and any financial aid offer carefully. A financial aid offer is based on the following:

- Amount of need as determined by FAFSA;
- Amount of aid eligible for;
- Availability of federal, state, and private funds; and
- Full-time enrollment status at our campus (unless otherwise noted).

OVERVIEW OF AWARD OFFER

Cost of Attendance – This is the estimated cost for you to attend Honolulu Community College. It includes tuition, fees, books, and supplies. It may also include meals, housing, personal expenses, and transportation. For details, please visit <https://www.honolulu.hawaii.edu/tuition/cost-of-attendance/>

Student Aid Index (SAI) - This is an eligibility index number that a college's or career school's financial aid office uses to determine how much federal student aid the student would receive if the student attended the school. This number results from the information that the student provides in their FAFSA form.

Outside Resources – This amount reflects any scholarships, stipends, and other financial assistance received from an organization, agency, and/or an office other than the Honolulu CC Financial Aid Office. If you are receiving aid that is not reflected on your financial aid award offer, you are required to notify the Honolulu CC Financial Aid Office in writing.

Need – This amount is determined by taking your cost of attendance and subtracting your EFC and outside resources.

Financial Aid Offered – This is the amount of aid Honolulu CC Financial Aid Office can offer you based on all the information provided and funds available.

Expected Enrollment Level - This is the enrollment level your financial aid is based on. If you are not enrolled at the level of your award offer, your financial aid may be delayed, changed, or cancelled. Classes at other campuses may be considered as part of your enrollment if the courses are applicable to your degree program AND you are enrolled in at least one class at HonCC.

ENROLLMENT LEVEL	NUMBER OF CREDITS
Full-time	12 or more
$\frac{3}{4}$ time	9 – 11
$\frac{1}{2}$ time	6 – 8
Less than $\frac{1}{2}$ time	1 – 5

Changes to Enrollment Level - If your enrollment level is incorrect or changes, you must notify the Honolulu CC Financial Aid Officer in writing. Changes in your enrollment level, including withdrawing from all courses, may result in a revision of your financial aid award and you may be required to repay any aid disbursed to you. Please refer to our Return to Title IV Federal Student Aid policy for details about withdrawing from classes.

ADDITIONAL FINANCIAL AID

While the Honolulu CC Financial Aid Office attempts to offer students as much financial aid as possible, a student may not receive the financial assistance they need. Furthermore, some students may have a specific event and/or situation that may cause their FAFSA not to accurately reflect their status. In those situations, a student has the following options:

Request for Federal Student Loans – Federal student loans are based on your student status. While there are limitations to the amount you can borrow, you may request funds to cover costs that you may incur while attending school. You must complete Loan Entrance Counseling and sign a Master Promissory Note before any funds are disbursed to you.

Request for a Special Circumstance – This is to request a further review of your FAFSA as it relates to your more current situation. Changes in circumstance such as termination of employment, serious illness of a family member, and/or change in marital status of parents are just a few examples of why a student would request a special circumstance. While there are no guarantees that an additional review will impact your eligibility, we encourage students to request a review if they feel it is needed.

Types of Aid

FEDERAL PELL GRANTS

Federal Pell Grants do not need to be repaid (unless you do not meet Satisfactory Academic Progress requirements) and are available to students who have not received a Bachelor's Degree or higher.



FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (SEOG)

Federal Supplemental Educational Opportunity Grants (SEOG) do not need to be repaid (unless you do not meet Satisfactory Academic Progress requirements) and are available to students with exceptional financial need and are enrolled in at least half-time status. Priority is given to Federal Pell Grant recipients.

HONOLULU COMMUNITY COLLEGE OPPORTUNITY GRANTS

Honolulu CC Opportunity Grants are available to students who are enrolled at least half-time status, show demonstrated financial need, and meet satisfactory academic progress requirements. Eligibility is based upon financial need as determined through the FAFSA.

FEDERAL WORK STUDY

A work program that is Federally funded. The program provides part-time on-campus and community service job opportunities to help students earn money (up to their awarded amount) and gain valuable work experience. Eligibility is based upon financial need as determined through the FAFSA.

TUITION WAIVER

A state funded program that waives Honolulu Community College tuition charges only. The student will be responsible to pay for any part of tuition not covered by the waiver and student activity and publication fees.

NATIVE HAWAIIAN TUITION WAIVER

Native Hawaiian Tuition Waivers were established to support Hawaiian students seeking a degree in higher education. This waiver is awarded to Hawaiian students who demonstrate financial need, maintain satisfactory academic progress and are enrolled in at least half-time status. To be considered for this waiver, a student must complete FAFSA and submit additional documentation as requested.

SCHOLARSHIPS

Honolulu Community College scholarships are awarded based on merit, academic performance, and/or financial need. For the most current scholarship information, please visit <https://www.honolulu.hawaii.edu/scholarships>.

Loans

Loans are another type of financial aid offered to help students pay for college. It is money that you borrow and must be paid back with interest. Compared to other loan options, Federal student loans offer many benefits. For more details on Federal loan benefits, you may go to <https://studentaid.gov/>. Students interested in receiving loans must be enrolled at least half-time. Information regarding student loan default rates is available at the Honolulu CC Financial Aid Office.

FEDERAL SUBSIDIZED DIRECT LOANS

A Federal Direct Subsidized Loan is a federal student loan with the interest subsidized by the U.S. Department of Education while the student is enrolled in school at least half-time and during approved deferment periods. The interest will begin to accrue after you leave school. The interest rate for Federal student loans varies every year and is determined by the Federal Government. The interest rate of the loan when you received it will be the interest rate for the life of that loan. For the current interest rate and origination fee for Federal Direct Subsidized Loans, please visit <https://studentaid.gov/>. To be eligible for this loan, students must demonstrate financial need. The Direct Subsidized loan amount will depend on the student's academic level, amount of need, and existing subsidized loan balances.

Repayment is required to begin six months after the student drops below half-time status. For students who are not able to pay the minimum monthly amount, deferment options are available. Loan repayments are arranged with your loan servicer. Your loan information can also be found on <https://studentaid.gov/>.

FEDERAL DIRECT UNSUBSIDIZED LOANS

A Federal Direct Unsubsidized loan is a federal student loan that is available for students regardless of financial need. The Direct Unsubsidized loan amount will depend on the student's academic level, dependency status, cost of attendance, and existing subsidized and unsubsidized loan balances. The loan interest begins to accrue once the loan is disbursed. In other words, you are responsible for paying the interest on a Direct Unsubsidized Loan during all periods. The interest rates for federal student loans varies every year and is determined by the Federal Government. The interest rate of the loan when you received it will be the interest rate for the life of that loan. For the current interest rate and origination fee for Federal Direct Unsubsidized Loans, please visit <https://studentaid.gov/>.

You have the option to pay the interest while you are in school but you can also opt to begin paying later. If you choose not to pay the interest while you are in school, your interest will accumulate and be capitalized (that is, your interest will be added to the principal amount of your loan).

Repayment is required to begin six months after the student drops below half-time status. For students who are not able to pay the minimum monthly amount, deferment options are available. Loan repayments are arranged with your loan servicer. Your loan information can be found at <https://studentaid.gov/>.

FEDERAL DIRECT PLUS LOANS

A federal unsubsidized loan that parents of dependent undergraduate students can use to help pay for education expenses. The Direct PLUS loan amount will depend on the student's cost of attendance and the amount of financial aid already receiving. To be eligible for this loan, student must be under 24, unmarried, and have no legal dependents. In addition, parent must complete the PLUS Request Process at <https://studentaid.gov>, which will include a credit check. If a parent borrower is denied, the dependent student may be eligible for additional unsubsidized loans to help pay for his or her education if and only if parent has been denied.

The interest rates for Federal student loans varies every year and is determined by the Federal Government. For the current interest rate and origination fee for Federal Direct PLUS Loans, please visit <https://studentaid.ed.gov/sa/types/loans/plus#interest>. The interest rate of the loan when you received it will be the interest rate for the life of that loan. Interest is charged during all periods.

Repayments for Direct PLUS Loans begins once the loan is fully disbursed. For deferment options and loan repayment arrangements, please contact your loan servicer. Loan information can be found at <https://studentaid.gov/>.

Disbursements

When your financial aid award is successfully processed, the Cashier's Office will apply your aid towards your student account according to the dates required by Federal Regulations. If your enrollment level is not the same as the enrollment level indicated on your financial aid award, the disbursement of your financial aid may be delayed and/or changed.

Grants and Scholarships

Grants and waivers will be credited to your student account no earlier than 10 days prior to the start of the semester based on your enrollment level at that time. These monies are used to pay for any tuition and fees you owe. Scholarships from external agencies will be disbursed on the first day of school or when the monies are received by the Financial Aid Office whichever is later.

Federal Work Study

In order to receive your Federal Work Study monies, you must visit Honolulu CC Career Services to inquire about on-campus or community service work-study opportunities. Once you are placed in a position, you will receive your work study monies in the form of a paycheck for the hours worked.

Loans

Loans will be credited to your student account no earlier than 10 days prior to the start of the semester. These monies are used to pay for any tuition and fees you owe. First time borrowers must also complete Entrance Counseling and a Master Promissory Note in order for loans to be disbursed. For first-time, first-year borrowers, loans will be disbursed 30 days after the first day of school as stated by federal regulations.

Course Program of Study

Course Program of Study is a process that helps Honolulu CC stay in compliance with Title IV (Federal) guidelines regarding financial aid. Guidelines state that financial aid can only be awarded for courses that are required for the degree or certificate you are enrolled in. Thus, it is very important to take courses that apply towards your degree. Doing so will help you ensure your courses may be eligible for financial aid and will also help you finish your degree faster.

Refunds

If your financial aid award is more than the cost of your tuition and fees, a refund check will be issued to you. Please allow at least 14 days from the disbursement date for your refund to be processed. We highly recommend that you sign-up for e-Refund which will directly deposit your refund into the bank account you designate. If you do not sign-up for e-Refund, a check will be mailed to your mailing address as designated on your student records.

Title IV Authorization

Title IV financial aid includes the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (SEOG), and Federal Direct loans. These funds will be automatically applied towards your tuition, fees, and dorm charges at any University of Hawai'i campus for the current term.

If you have any other charges on your student account for the current or prior term, you must pay those charges separately, unless you accept Title IV Authorization. Examples of other charges may include but are not limited to fees for late registration, fees for adding/dropping classes, fees for digital course material (IDAP), library fees, and parking fees.

At the point you give authorization, Honolulu CC will use your federal financial aid that is available to pay for all charges posted on your account and can be covered by your federal financial aid. This includes all charges for the current term and up to \$200 of charges from a prior term. Any excess funds will be refunded to you per our normal refund policy.

If you choose not to give Honolulu CC authorization, your financial aid will be applied only towards charges for your tuition, fees, and dorms for the current term. Other miscellaneous charges and fees listed above will remain on your account. If the obligation remains unpaid, it could result in a hold being placed on your student account that may block you from registering for future semesters and accessing transcripts.

Return to Title IV

In the event a student who has been awarded Federal Title IV financial assistance completely withdraws (or stops attending all classes) from Honolulu Community College, a Return to Title IV Funds calculation is required. The Financial Aid Office will adhere to all Institutional and Federal Withdrawal and Refund Policies. For more information on Return to Title IV regulations, policies, and calculations, please visit <https://www.honolulu.hawaii.edu/downloads/web/paying-for-college/forms-title4-refund.pdf>



VETERANS EDUCATION BENEFITS & RESOURCE CENTER

WEBSITE: www.honolulu.hawaii.edu/veterans

Veterans Education Benefits

Education Benefits

Honolulu Community College is an approved institution of higher learning for education and training under the Veterans Educational Assistance Act, the Veterans Readjustment Act, and the Dependents Educational Act.

The College offers students a wide range of services and activities throughout the academic year and summer months. Students are encouraged to seek individual or group counseling, career and vocational exploration, and other related student support services. See any Academic Counselor for more information and for completion of the Enrollment Certification Request Form (ECRF) needed to support certification of VA Education Benefits.

Under the authority of Title 38 USC sections 3675 and 3676, and 38 CFR sections 21.4253 and 21.4254, schools are required to evaluate prior training at all post-secondary institutions, to include military training.

Students using VA Education Benefits at Honolulu Community College must provide to Honolulu Community College all transcripts from all post-secondary institutions, and all military training, including the Joint Services Transcript (Army, Marine Corps, Navy, Coast Guard) and/or Community College of the Air Force. Transcripts must be sent directly between institutions to be considered as official. Transcripts that are handled by the student will be considered as unofficial and will be used for placement purposes only. Honolulu Community College's Counseling Office will evaluate all transcripts and decrease the time and cost of the program accordingly, if credits are granted. Honolulu Community College will provide the student using VA Educational Benefits with an assessment of the evaluation. Honolulu Community College will keep all records of prior transcripts and evaluations with the student record.

Veterans Affairs

The Veterans Affairs (VA) School Certifying Official (SCO) and the VA staff are located in the Records Office & Counseling Office. We assist service members, veterans and their dependents who receive VA education benefits while pursuing their academic career at Honolulu Community College.

The SCO is responsible for certifying and monitoring students' course enrollment, academic progress, and other academic information.

When the VA has determined that students are eligible for education benefits, and after they have registered for classes, the SCO will certify the students enrollment with the VA to enable the student to collect the benefits they are entitled to. Contact us via email, phone or in-person with any questions pertaining to the processing of VA education benefits.

Veterans Resource Center

874 Dillingham Blvd.

Honolulu, HI 96817

Email: honvet@hawaii.edu

Phone: 808-847-9833

Fax: 808-356-0640

Office Hours: 8:00 am to 4:00 pm, Monday through Friday

Determining Eligibility, Entitlement, and Payments

The U.S. Department of Veteran Affairs approves applications and makes decisions about **eligibility, entitlement, and payments**. Specific questions regarding your eligibility, entitlement, or payments should be referred to the U.S. Department of Veterans Affairs (<https://www.va.gov/>)

To apply for veteran's education benefits with the Department of Veterans Affairs, visit Vets.gov (<https://www.va.gov/education/how-to-apply/>)

Detailed information about different types of benefits is available on the GI Bill® website:

Post-9/11 GI Bill® - Chapter 33 (https://www.benefits.va.gov/gibill/post911_gibill.asp)

Dependents' Educational Assistance - Chapter 35 (https://www.benefits.va.gov/gibill/survivor_dependent_assistance.asp)

Veteran Readiness & Employment- Chapter 31 (<https://www.benefits.va.gov/vocrehab/index.asp>)

Montgomery GI Bill®- Active Duty, Chapter 30; Reservists, Chapter 1606; Reserve Educational Assistance Program (https://www.benefits.va.gov/gibill/montgomery_bill.asp)

Contact the VA Education Call Center at 888-GIBILL-1 (888-442-4551) for additional information or send a secure email using Ask VA (ask.va.gov)

Public Law 115-407, Sections 103 and 104

In accordance with the Veterans Benefits and Transition Act of 2018, section 3679(e) of title 38 (Public Law 115-407), a student who is entitled to educational assistance under Chapter 31, Veteran Readiness & Employment, or Chapter 33, Post-9/11 GI Bill® benefits shall be permitted to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a Certificate of Eligibility for entitlement to educational assistance under Chapter 31 or 33 (a "Certificate of Eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' website – eBenefits, or an authorization form for Chapter 31) and ending on the earlier of the following dates:

- The date on which payment from VA is made to the institution.
- 90 days after the date the institution certified tuition and fees following the receipt of the Certificate of Eligibility.

The University shall not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or require the student to borrow additional funds, in order to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under Chapter 31 or 33.

Public Law 116-315, Sections 1005, 1015, and 1018

Honolulu Community College complies with Public Law 116-315, Section 1005. VA beneficiaries are charged the in-state resident rate, regardless of the length of time passed since they were discharged. VA beneficiaries are no longer required to enroll within 3 years of discharge to be eligible for resident tuition rates.

Honolulu Community College complies with Chapter 36 of Title 38 U.S.C. § 3672(b)(2)(A) and 3675(b)(4) which requires accredited institutions to be eligible for and participate in the Federal Student Aid program under Title IV of the Higher Education Act of 1965 (HEA) to be eligible to receive GI Bill® funds.

Honolulu Community College complies with Public Law 116-315, Section 1018. VA beneficiaries are provided a College Financing Plan displaying the variety of costs and financial aid options for their chosen educational program. For additional information, contact the financial aid office or the School Certifying Official.

"GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government web site at <http://www.benefits.va.gov/gibill/>.

Tuition Assistance

The Tuition Assistance (TA) program pays the cost of tuition and additional fees for most active duty service members. Each service branch determines eligibility criteria.

All Active Duty Service Members (including Guard and Reserve) must contact their Education Service Officer (ESO) or Education Counselor within your branch of service prior to enrolling in any college or university.

Tuition Assistance Application Procedures for Military Services:

Army (<https://www.eis.army.mil/programs/armyignedited>)

Navy (<https://www.navycollege.navy.mil/sailors/tuition-assistance-ncpace.htm>)

Coast Guard (<https://www.forcecom.uscg.mil/Our-Organization/FORCECOM-UNITS/ETQC/Voluntary-Education/Active-Duty/>)

Marines (<https://myeducation.netc.navy.mil/>)

Air Force (<https://www.afpc.af.mil/Career-Management/Military-Tuition-Assistance-Program/>)

Veterans Resource Center

EMAIL: honvet@hawaii.edu

PHONE: 808-847-9833

LOCATION: Building 5, Room 140

The Veterans Resource Center has historically focused on the success of student veterans, current military service members, and their family members. Faculty, staff, and students with an interest in veteran's services or programs may find the VRC to be a great resource for information on available programs and support services. The VA Veterans Integration to Academic Leadership (VITAL) counseling services are also still available by contacting the VITAL Counselor at: 808-940-4287.

Micronesian Wayfinders Club Hosted a Weaving Class at HonCC's Hale



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Classification of Students in Credit Programs

CLASSIFIED STUDENT: A student who is enrolled for credit in an official program leading to an Associate Degree, Certificate of Achievement, or Certificate of Competence.

UNCLASSIFIED STUDENT: A student who is enrolled for credit, but is not in an official program leading to an Associate Degree, Certificate of Achievement, or Certificate of Competence.

EARLY ADMIT: Applicants under the age of 18, living in Hawai'i, attending a local high school or home schooled.

Educational Level

FRESHMAN: A student who has earned fewer than 30 credits towards an Associate Degree, or Certificate of Achievement.

SOPHOMORE: A student who has earned 30 credits or more towards an Associate Degree or Certificate of Achievement.

Full Time and Part Time Students:

FULL TIME STUDENT: A student who is enrolled in 12 semester credits or more in a semester or in a 12-week summer term. A student is also considered to be full time under the following conditions: enrolled for 6 credits or more in a 6-week summer session where full-time status is for the 6-week session only or enrolled for 8 credits or more in a 10-week term.

PART TIME STUDENT: A student who enrolls in fewer than 12 semester credits in a semester or fewer than the minimum semester credits required for full time status in shorter terms or sessions.

HALF-TIME STUDENT: A student who enrolls in at least 50% of the semester credits required for full time status in a semester or shorter term or session.

The definitions of a full time student and of a part time student are Honolulu Community College definitions used for certifying enrollment. A summer term may consist of more than one session. A third party such as Veterans Administration (VA) benefits or Federal financial aid may have another definition of a full time student that is used in determining eligibility for benefits.

Admissions

WEBSITE: www.honolulu.hawaii.edu/admissions

Eligibility

Honolulu Community College welcomes applications from any U.S. high school graduate, GED (General Education Development) recipient or persons 18 years of age or over who can benefit from the instruction offered. Students under the age of 18 may be considered for Early Admission, the Running Start program, or Early College (see Early Admission, the Running Start Program, or Early College later in the Academic Regulations).

(International Students, please see *ADMISSION OF INTERNATIONAL STUDENTS*.)

Application Deadlines

Please refer to the Admissions website for deadline information.

How to Apply

To be admitted to Honolulu Community College, complete the University of Hawai'i System Application Form online at <https://apply.hawaii.edu>.

Some programs have non-academic prerequisites that must be met before taking major courses:

- Auto Body Repair and Painting – submit Respirator Use Clearance and Driver's License
- Automotive Technology – submit copy of valid Driver's License
- Cosmetology – submit copy of high school diploma, GED, or college degree

Students who are military personnel, dependents, or a member of the Hawai'i National Guard should submit a copy of military orders or certificate of eligibility along with their application for admission.

International students, please see *ADMISSION OF INTERNATIONAL STUDENTS* for further information.

Please note that all documents, health clearances, transcripts, and forms submitted become the property of Honolulu CC and will not be returned to the applicant.

Applicants will be notified by e-mail or mail of their acceptance. Further information on registration, placement, and academic counseling services will be included with acceptance notifications by e-mail or mail.

Acceptance Information

Once a student has been accepted, the student must:

1. Submit proof of negative tuberculin (TB) test or chest x-ray report, two Measles, Mumps, Rubella (MMR) immunization, proof of one dose of Tetanus-diphtheria-Pertussis (Tdap) immunization, and two doses of Varicella (Chickenpox) immunization before the first day of the semester.

Exemptions: Students born prior to 1957 are exempt from MMR vaccination. A documented history of varicella (chickenpox), signed by a U.S. licensed physician, APRN, or PA may be substituted for the varicella vaccine requirement. Students born in the U.S. prior to 1980 are exempt from Varicella vaccination.

For more information on Honolulu CC health regulations, see *HEALTH REQUIREMENTS for Registration*.

2. Review the University of Hawai'i's COVID-19 Mandatory Vaccination Policies for students and COVID-19 Guidelines. Visit www.hawaii.edu/covid19. Submit any required documentation.
3. Provide English and math placement. The following are the different types of placement options you can choose from:
 1. Placement Option #1: Self report your placement scores. (Not applicable for VA (veteran) students.) Complete the Self-Report Form at <https://go.hawaii.edu/kdm>
 2. Placement Option #2: Submit SAT, ACT, SBAC, or HESI scores
 3. Placement Option #3: Submit official high school transcripts. For transfer students, meet with an Academic Counselor to evaluate your unofficial college transcripts.
 4. Placement Option #4: Take the ENG/Math placement ACCUPLACER. Visit honolulu.hawaii.edu/testing for test schedules.

A copy of your acceptance letter and a valid Photo ID are required to take the ACCUPLACER at the Testing Center located in the Kaukahoku building (Bldg. 7), Room 313. To view the Testing Center placement schedule, visit www.honolulu.hawaii.edu/testing.

English and math placement are required and are very important! Your English and math placement will determine what levels of English and math you will need to take.

4. Create a username and password to access MyUH student account.
5. Returning or Transfer students should meet with an Academic Counselor for assistance with selecting courses and/or registering for classes. New Students should contact the Academic Counseling Office to sign up for a New Student Registration Session.
6. Pay all applicable tuition and fees by the posted deadline.

Information on these steps will be included with the student's acceptance letter.

Students are accepted into a program or major of their choice. However, in a few cases students may not be able to enroll in the beginning courses in the program because:

- Certain academic and non-academic prerequisites for the courses have not been met;
- The program may be filled; or,
- Beginning courses in the program are not offered in that semester.

Check "Starting Dates for Programs" below to see which programs accept students into both Fall and Spring semesters. If the program is filled, students will be unable to enroll in their program's beginning courses and are advised to take required related courses during their first semester. After one semester, students usually will be able to take beginning courses in their program; however, in a few programs the waiting period may extend to a full academic year or more.

Counselors are available to provide information about Honolulu CC and its programs and to assist applicants in choosing a program which offers the maximum opportunity for self-development.

If students do not wish to attend Honolulu Community College after being accepted and would like to:

- Transfer to another UH Community College, they should submit a Change of Home Institution Form to the institution they wish to attend.
- Transfer to a UH four-year institution, they should submit a new UH System Application for admission.

Starting Dates for Programs

The chart below indicates when new majors may start a program. Symbols in the Fall column mean a student may enter the program in a Fall Semester. Symbols in the Spring column mean a student may enter the program in a Spring Semester. The chart legend explains the different symbols.

Program	Fall	Spring	Program	Fall	Spring
<i>Administration of Justice (AJ)</i>	•	•	<i>Electrical Installation & Maintenance Technology (EIMT)</i>	0	
<i>Aeronautics Maintenance (AERO)</i>	0		<i>Fashion Technology (FT)</i>	•	•
<i>Applied Trades (APTR)</i>	•	•	<i>Fire & Environmental Emergency Response (FIRE)</i>	•	•
<i>Architecture, Engineering & Construction Technologies (AEC)</i>	•		<i>Hawaiian Studies (HWST)</i>	•	•
<i>Auto Body Repair & Painting (ABRP)</i>	0	0	<i>Human Services (HSER)</i>	•	•
<i>Automotive Technology (AMT)</i>	•	•	<i>Liberal Arts (LBRT)</i>	•	•
<i>Carpentry (CARP)</i>	•		<i>Natural Sciences (NS)</i>	•	•
<i>Communication Arts (CA)</i>	0		<i>Occupational & Environmental Safety Management (OESM)</i>	•	•
<i>Computing, Security, & Networking (CSNT)</i>	•	•	<i>Refrigeration & Air Conditioning (RAC)</i>	•	
<i>Cosmetology (COSM)</i>	•	•	<i>Sheetmetal & Plastics (SMP)</i>	0	0
<i>Diesel Mechanics Technology (DISL)</i>	I		<i>Welding (WELD)</i>		•
<i>Early Childhood Education (ECED)</i>	•	•			

- Program entry semester(s)
- I Program entry every even year
- o Check with Academic Counseling regarding program status

Residency Regulations for Tuition Purposes

WEBSITE: www.honolulu.hawaii.edu/residency

Students, other than statutory exempt individuals, who do not qualify as bona fide residents of the State of Hawai'i according to the University of Hawai'i Rules and Regulations in effect at the time they register, must pay non-resident tuition. An official determination of residency status will be made at the time of application. Applicants may be required to provide documentation to verify residency status. A non-resident application fee of \$25 is required at the time of application.

Once classified as a non-resident, students continue to be classified during their term at the College until they can present satisfactory evidence to the Residency Officer that proves otherwise. Some of the more pertinent University Residency Regulations follow. For additional information or interpretation, contact the Registrar at Honolulu Community College, Building 6, 808-845-9120.

DEFINITION OF HAWAII RESIDENCY: For **tuition purposes**, students are deemed residents of the State of Hawai'i if the adult student or in the case of a minor student, the student's parent or guardian, has been a bona fide resident of this state for at least twelve consecutive months immediately prior to the residency determination date. The following may be accepted as evidence of bona fide residence:

1. Filing of the Hawai'i resident personal income tax return by the:
 - o Adult student who is not claimed as a dependent for tax purposes; or
 - o Minor student who is declared an emancipated minor; or
 - o Parent or guardian of the student if the student is declared as a dependent;

2. A Hawai'i state drivers' license or Hawai'i state identification card issued at least twelve months preceding the residency determination date;
3. Voting, or voter registration, in Hawai'i at least twelve months preceding the residency determination date;
4. Ownership or continuous rental in Hawai'i of the principal residence beginning at least twelve months immediately preceding the residency determination date;
5. Carrying on of a business or the holding of an employment position in Hawai'i for at least twelve consecutive months immediately preceding the residency determination; or
6. Any other clear and compelling evidence of bona fide residence for at least twelve consecutive months immediately preceding the residency determination date, as determined by the residency officer.

Other legal factors involved in making a residency determination include that:

1. The twelve months begin on the date upon which the first overt action is taken to make Hawai'i the permanent residence. While residence shall be lost if it is interrupted during the twelve months immediately preceding the residency determination date, resident status derived from two or more successive residency sources may be tacked together to compute the twelve-month period. For permanent residents (green card holders) & political asylees the twelve months begins on the date in which the permanent residency status or political asylum status was granted by Immigration.
2. Residency in Hawai'i and residency in another place cannot be held simultaneously.
3. Presence in Hawai'i primarily to attend an institution of higher learning shall not create resident status. A nonresident student enrolled for six credits or more per term shall not create resident status. A non-resident student enrolled for six credits or more per term shall be presumed to be in Hawai'i primarily for educational purposes. Such period of enrollment shall not be counted toward the establishment of bona fide residence in Hawai'i for twelve consecutive months immediately preceding the residency determination date. A student may rebut this presumption of nonresident status if clear and convincing evidence is provided that the student has abandoned the student's previous residence and has established a bona fide residence in Hawai'i primarily for purposes other than educational.
4. Residency status, once acquired, shall be lost by future voluntary actions of the resident inconsistent with the status. However, Hawai'i residence shall not be lost solely because of the absence from the State while serving in the United States armed forces, while engaged in navigation, or while a student at any institution of learning, provided Hawai'i is claimed and maintained as the student's residence.

These considerations do not exhaust all of the factors that affect the determination of residency. For more information, consult the "Rules and Regulations Governing Determination of Residency as Applied to Tuition Payments and Admission at All Institutions Under the Jurisdiction of the Board of Regents of the University of Hawai'i."

Non-Resident Students

Once classified as a non-resident, a student continues in this status at Honolulu CC until submitting satisfactory evidence to the Residency Officer that proves otherwise. Non-resident students who enter any campus of the University of Hawai'i may not be allowed to change his/her residency status from non-resident to resident during any period in which he/she:

1. Enrolled for 6 credits or more at any higher education institution(s) in Hawai'i;
2. Was absent from Hawai'i for more than 30 days per year during school vacation periods;
3. Received student financial assistance based on residency in another state; or
4. Was a dependent of nonresident parent(s) or legal guardian.

The maximum number of non-resident students that can be accepted by the College is limited by Board of Regents policy. Students classified as non-residents are required to pay non-resident tuition.

Statutory Exemptions

The University of Hawaii recognizes several categories of non-resident students who are allowed to pay resident tuition:

1. United States military personnel, their spouses, and their authorized dependents (as defined by the Armed Services) during the period the military personnel is stationed in Hawai'i on active duty.

2. Members of the Hawai'i National Guard or Hawai'i-based Reserve who are under contract in Hawai'i.
3. Certain employees of the University of Hawai'i, their spouses, and dependents (as defined under the Internal Revenue Service rules).
4. East-West Center student grantees pursuing baccalaureate or advanced degrees at the University of Hawai'i.
5. Native Hawaiians, descendants of the aboriginal peoples who inhabited the Hawaiian Islands and exercised sovereignty in the Hawaiian Islands in 1778.
6. Veterans Post-9/11 GI Bill® or Montgomery GI Bill® Active Duty using education benefits, who live in Hawai'i, and enroll at the university within three years of discharge or release from a period of active duty service of 90 days or more.
7. Individuals eligible to use transferred Post-9/11 GI Bill® educational benefits, who live in Hawai'i, and enroll at the university within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
8. Individuals eligible to use transferred Post-9/11 GI Bill® educational benefits, who live in Hawai'i, and whose transferor is a member of the uniformed service who is serving on active duty.
9. Individual using Post-9/11 GI Bill® education benefits under the Marine Gunnery Sergeant John David Fry Scholarship, who live in Hawai'i.
10. Individuals using educational assistance under the Veteran Readiness and Employment program (formerly Vocational Rehabilitation and Employment) and who live in Hawai'i.

The University of Hawai'i also allows citizens of certain Pacific Islands that do not provide baccalaureate-granting public institutions to pay 150% of the resident tuition rate. These currently include:

American Samoa	Republic of the Marshall Islands
Commonwealth of the Northern Marianas	Republic of Palau
Cook Islands	Solomon Islands
Federated States of Micronesia	Tokelau
Futuna	Tonga
Kiribati	Tuvalu
Nauru	Vanuatu
Niue	Wallis
Rapa Nui (Easter Island)	

(A non-resident application fee of \$25 is required at the time of application for students eligible for Pacific Island Exemption.)

"GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government web site at <http://www.benefits.va.gov/gibill/>.

MISREPRESENTATION: A student or prospective student who intentionally or willfully misrepresents any fact on any form or document intended for use in determination of residency status for tuition purposes will be subject to the regular disciplinary measures of the University of Hawai'i.

APPEAL PROCESS: Residency decisions may be appealed by submission of the *UH Residency Appeal* form and any supporting documentation by the deadline. Students desiring to initiate a residency appeal should contact the Residency Officer (Honolulu CC Registrar) for more information on the appeal process, applicable tuition payments, and deadlines. Appeals are heard by the Residency Appeal Board.

Admission of International Students

International applicants must comply with all regulations of the United States Citizenship and Immigration Services as well as with applicable policy of the Board of Regents of the University of Hawai'i and the policies of Honolulu Community College. For the purpose of clarifying requirements for admission, international students who are not U.S. citizens and who have not been admitted to live in the U.S. permanently, are designated as non-immigrants. Honolulu Community College is authorized under Federal law to enroll non-immigrant students.

International students must meet the General Admissions Requirements as well as the following special admissions requirements by June 15 for Fall semester and November 1 for Spring semester. All required forms can be downloaded from our website at <https://www.honolulu.hawaii.edu/admissions/international-student/>.

- Acceptable test and test scores are listed below. These scores are required to be admitted to Honolulu Community College, however, program placement will be determined by an English Placement Test, writing sample, and interview.

Acceptable Admissions Tests (we require OFFICIAL test scores)

ENGLISH TEST(S)	MINIMUM SCORE REQUIREMENT FOR REGULAR INTERNATIONAL STUDENTS & IN-BOUND INTERNATIONAL EXCHANGE STUDENTS INTERESTED IN LIBERAL ARTS PROGRAMS	MINIMUM SCORE REQUIREMENT FOR IN-BOUND INTERNATIONAL EXCHANGE STUDENTS INTERESTED IN NON-LIBERAL ARTS PROGRAMS
*TOEFL (Paper)	400	500
*TOEFL (Computer)	97	173
iBT	32	61
**EIKEN	Level 2/Pre-2	2A
GTEC	800	800
IELTS	4	6
Cambridge	PET	FCE

*TOEFL scores must be from a test no earlier than two years prior to the date of enrollment.

**Submit OFFICIAL EIKEN test scores or OFFICIAL Test of English as a Foreign Language (TOEFL) scores.

You do NOT need English proficiency test scores if one of the following applies to you:

- Your native language is English.
 - You have completed 30 transfer level, semester credits, OR ENG 100 (or equivalent) with a "C" or higher from a regionally accredited college or university in the United States, Australia, Great Britain, Canada or New Zealand.
 - You have completed 3 years of high school education in the United States, Great Britain or Canada.
- Submit UH System Application Form for Admission.
 - Submit Supplemental Information Form for International Students.
 - Submit required health clearance documentation (see additional instructions under Health Requirements for Admissions). Review the University of Hawai'i's Mandatory Vaccination Policies for students and COVID-19 Guidelines. Visit www.hawaii.edu/covid19. Submit any required documentation.
 - Submit evidence of ability to pay all expenses either personally or through a sponsor.
 - Submit high school transcripts (and college transcripts if applicable) directly to the College if under 18 or applying to the Cosmetology program. A complete and certified English translation of secondary school and college records should be submitted along with official transcripts.
 - Submit evidence of enrollment in a health and accident insurance plan prior to registration. Enrollment in such a plan must be for the duration of the student's stay in Hawai'i. Choice of plans is left to the discretion of the student.

Health and accident insurance is mandatory.

All documents and application materials must be received by the deadline for the appropriate semester.

International students will be sent an official notice of acceptance by email. I-20 Forms will be sent via email after the student completes a placement assessment.

All international students must carry an academic credit load of at least twelve (12) credits per semester, with only one online course allowed per semester. These 12 credits must be required in the student's program. Students will be allotted an appropriate amount of time to complete their degree requirements based on the number of credits in their degree program. International students must be enrolled in a degree program, they are not eligible for certificate programs as an F-1 student.

Early Admission

Applicants under the age of 18, living in Hawai'i, attending a Hawai'i high school (home school is acceptable) without the equivalent of a high school diploma/GED may be considered for admission as an Early Admit Student. Early Admit students may enroll as unclassified students and take Honolulu CC courses approved by their Honolulu CC academic counselor. Early Admit students must reapply for admission to enroll in classes each semester. Admission is limited to Honolulu CC courses. For more information on application procedures, please contact the Admissions Office at 808-845-9129.

Running Start Program

The Running Start program allows Hawai'i public high school students to attend college classes while earning both high school and college credits in accordance with Hawai'i Revised Statute §302A-401 Dual Credit Program. Students apply through their high school counselors. For additional information contact their High School Counselor or the Honolulu CC Running Start Counselor at 808-845-9278.



Early College - (EC)

Early College (EC) allows Hawai'i public high school students in grades 9-12 an opportunity to obtain high school and college credits simultaneously. College courses are offered at designated Hawai'i high school campuses. This opportunity is available to students who fit specific income and demographic criteria as determined by the high school campus. Eligibility and space are limited for these courses. For additional information about course availability and requirements, please contact a high school counselor or the Honolulu Community College Outreach Center at 808-844-2309.



Health Requirements

Review the University of Hawai'i's COVID-19 Mandatory Vaccination Policies for students and COVID-19 Guidelines. Visit www.hawaii.edu/covid19. Submit any required documentation.

TUBERCULOSIS CLEARANCE: In compliance with Chapter 164.2 of Title 11, Hawaii Administrative Rules (HAR) for Tuberculosis, students must show evidence they are free of active tuberculosis via a completed tuberculosis risk assessment form - https://hawaii.edu/health-clearance/docs/doh_tb_documentf.pdf. The form must be completed within 12 months of starting at Honolulu Community College or must have been completed on or after the age of 16. If the tuberculosis risk assessment form presents risks, one of the following is required: 1) A negative tuberculin skin test. The skin test must be read 48-72 hours after administration and documented in millimeters. Test results without the induration in millimeters will be rejected; 2) A negative QuantiFERON Gold In-Tube or T-Spot Blood Test; 3) A negative chest x-ray (taken within the last 12 months) with laboratory report/results attached.

Students who are enrolled in the Running Start or Early College program, or are taking online only courses are exempt from submitting tuberculosis clearances.

International students are required to submit tuberculosis clearances upon arrival in the United States.

TETANUS-DIPHTHERIA-PERTUSSIS (TdAP): One dose of Tdap administered at the age of 10 or older is required. Doses recorded as "Tdap" with an administration date in the United States prior to 2005 are not valid.

International students are required to submit documentation of Tdap immunization.

VARICELLA (CHICKENPOX): Two doses of the varicella vaccine are required for students to enroll in in-person or hybrid classes. The first dose must be given after the age of 12 months. The second dose must have been given 4 weeks after the first dose (for students who received their first dose at age 13 years or older). Students born in the United States prior to 1980 are exempt from varicella vaccination. A signed, documented diagnosis or verification of a history of varicella disease or herpes zoster by a practitioner (i.e. U.S. licensed physician, APRN, or PA) may be substituted for a record of varicella vaccination.

International students are required to submit documentation of varicella immunization.

MEASLES MUMPS RUBELLA (MMR) CLEARANCE: Two doses of MMR are required for students to enroll in in-person or hybrid classes. The first dose must have been given on or after 12 months of age. The second dose must have been given at least 4 weeks after the first dose. Students born before 1957 are exempt from MMR health requirements. Laboratory evidence of immunity (positive antibodies) to Measles and/or Rubella can be provided. Please note that the State of Hawaii Department of Health does not accept serologic test results for Mumps immunity. UH concurrent or transfer students found to not have MMR clearance documented in the UH Student Information System will be asked to submit MMR documentation.

International students are required to submit documentation of MMR immunization.

Photocopies of the following may be submitted as evidence of immunization to Med+Proctor, a free service that will handle all of the immunization verification process for the University of Hawai'i, including Honolulu Community College:

- Pupil's Health Record (State of Hawai'i Department of Education Form 14);
- Immunization record from M.D.'s medical file;
- Yellow Public Health Immunization Record; or,
- Military Vaccine Administration Record (DD2766C) or Immunization Record Form (SF601).

Honolulu Community College complies with all applicable requirements of other State health agencies and councils as may be required by law or by rules and regulations.

HONOLULU CC EMERGENCY CONTACT: Emergency contact information should be updated at MyUH Academic Services/Personal Information upon registration, re-entering Honolulu CC, or as otherwise needed. Students with serious health or disabling conditions are invited to make an appointment with Student ACCESS for disability accommodations.

Registration, Withdrawals, and Other Changes

Early Registration for currently enrolled students is held the semester prior.

Registration for new, returning and transfer students who meet the priority deadline is held prior to Late Registration. An incoming student is assigned a time to register for courses only after completing all the General Admissions Requirements and other related requirements.

Students are considered officially enrolled only after registering, paying tuition and fees, and attending the first two classes. *Students who are unable to attend classes during the first and second class session(s) of the semester must notify their instructors before the first class session, or they may be dropped.*

The Honolulu CC Registration Guide is the official source of information to help students register for credit classes and is available online (www.honolulu.hawaii.edu/registration) and for pick up at the Records Office each semester.

The College Catalog should be consulted for academic planning.

Late Registration

Students registering after the regularly scheduled registration period are assessed a Late Registration fee beginning the first day of instruction of any given semester. (see Other Fees)

Auditing Courses

Auditors must complete all admission and registration requirements and procedures, including payment of tuition and fees. Students are permitted to audit certain classes with the written consent of the instructor. Auditors generally are not allowed in laboratory science, mathematics, English composition, and speech courses, or classes where they might take the place of credit students. Some career technical classes may not be open for auditing due to liability, health, and safety issues.

Students who want to audit a course must submit a notification of instructor approval authorizing the audit to the Records Office by the deadline. No credit is given for an audited course and a grade of "L" will be recorded on the student's transcript. The extent of classroom participation is at the discretion of the instructor.

Class Attendance

EP 7.209 Student Participation Verification in Coursework

WEBSITE: <http://go.hawaii.edu/QU3>

PARTICIPATION VERIFICATION POLICY: Enrolled students must establish attendance and participation in class by the

end of the late registration period. It is the students' responsibility to notify the instructor of anticipated or unavoidable absences and is responsible for informing the faculty member if he/she will be absent during the late registration period and wishes to stay enrolled. Students who do not establish attendance and participation in their class and are reported by the faculty, will be dropped from the class and any co-requisite course. A student who is dropped from a course via this policy may request a reinstatement in the course through the Vice Chancellor for Academic Affairs to add back a dropped course with the instructor permission. Late fees may apply. Students who are reinstated are responsible for any missed work.

DISAPPEARER POLICY: Students who have ceased to attend class or never attended class and do not officially drop the class are considered "Disappearers" and may receive an "F" grade if classes are not officially dropped by the deadline. A student who has a justifiable reason for temporarily not attending a class must notify the Instructor or Division Chair or Program Dean. A student who has a justifiable reason for dropping a class must do so before the deadline.

Students registered in Distance Education courses who have ceased to communicate or never communicated with their instructor since the first day of the semester and do not officially drop the class are also considered "Disappearers" and may receive an "F" grade if classes are not officially dropped by the deadline. A student who has a justifiable reason for not communicating with an instructor must notify the instructor or Division Chair or Program Dean. A student who has a justifiable reason for dropping a class must do so before the deadline.

Change of Registration: Adds and Drops

Adding or dropping a course is official only after students have completed add/drop changes online, or submitted an Add/Drop Form to the Records Office. Additional tuition and fees will also be charged when students add a class or classes.

Classes may be added only during the published dates; thereafter, instructor approval is required. For deadlines to officially add or drop classes, see the *ACADEMIC CALENDAR*. If a student stops attending class or never attends class and does not officially drop by the deadline, the instructor may assign an "F" grade.

1. Classes that are semester-length and are:
 - a. Officially dropped during the first three weeks of instruction each semester will not appear on the student's Academic Record.
 - b. Officially dropped after the first three weeks will be assigned a "W" on the student's Academic Record. Students may drop classes and receive a "W" grade up to the deadline stated in the *ACADEMIC CALENDAR*.
2. Classes that are not semester-length and are:
 - a. Dropped during the first 20% of calendar days within the published class dates will not appear on the student's Academic Record.
 - b. Dropped *after* the first 20% and up to the first 60% of the calendar days within the published class dates will be assigned a grade of "W" on the student's Academic Record.

Cancellation of Registration and Cancellation of Classes

Students may be dropped from classes for the following reasons:

- The student is a no-show (see participation verification policy);
- The class is canceled;
- The student doesn't pass a prerequisite course with the required grade; and,
- The student doesn't make required payment by the established deadline.

Classes may be canceled for the following reasons:

- Instructor availability;
- Funding change;
- Low enrollment; and,
- Facility availability.

Complete Withdrawal From College

Students who wish to withdraw completely from all courses within the UH System have the option to drop all courses online or fill out a Complete Withdrawal Form available at their home institution's Records Office. For deadlines to officially withdraw, see the *ACADEMIC CALENDAR*. If a student stops attending class or never attends class and does not officially withdraw by the deadline, the instructor may assign an "F" grade.

1. Classes that are semester-length and are:
 - a. Officially dropped during the first three weeks of instruction each semester will not appear on the student's Academic Record.
 - b. Officially dropped after the first three weeks will be assigned a "W" on the student's Academic Record. Students may drop classes and receive a "W" grade up to the deadline stated in the *ACADEMIC CALENDAR*.
2. Classes that are not semester-length and are:
 - a. Dropped during the first 20% of calendar days within the published class dates will not appear on the student's Academic Record.
 - b. Dropped *after* the first 20% and up to the first 60% of the calendar days within the published class dates will be assigned a grade of "W" on the student's Academic Record.

The refund policy for withdrawals is explained under *TUITION AND FEES-REFUNDS*.

Change of Major

All students who want to change their major for the current term should submit their request by the 100% refund deadline for part of term one. All students are encouraged to meet with an academic counselor before changing their major. Change requests received after the deadline will be effective at the start of the next term. Exceptions after the deadline may be made on a case by case basis when applicable, and shall be done in consultation with the campus financial aid office and the VA school certifying official.

Change of major forms can be accessed at <https://go.hawaii.edu/Xgq>

Change of Personal Data or Address

Any changes of permanent address, name, and citizenship must be reported to the Records Office in writing. A change in mailing address may be done online. Out-of-state students should provide their local address upon arrival. Failure to do so will result in an inaccurate education record and/or failure to receive important College announcements and information.

Credits, Grades, and Examinations

Credits

Credits (also called semester hours, credit hours, or units) are granted in recognition of work successfully completed in specific courses. A lecture course of semester duration which meets three hours a week is assigned three credit hours and normally requires two hours of outside preparation for each hour of lecture. A laboratory course of semester duration usually requires three hours of laboratory for each assigned credit.



Credit Load

The usual credit or course load for students is approximately one-half of the total requirement for one-year programs or one-fourth of the total requirement for two-year programs. A student may not register for more than 18 credits during any one semester except under special circumstances and with an Academic Counselor approval. Counselor approval is not needed in programs which require more than 18 credits per semester.

Course Numbering

Courses numbered below 100 generally do not transfer to baccalaureate degree colleges. Courses numbered 100 and above may be eligible to be transferred to any baccalaureate degree institution including campuses within the University of Hawai'i System. Course credits may be accepted, but not applicable to a specific program at the receiving institution. Students are advised to plan any transfer early in accordance with requirements of the receiving institution as each establishes its own transfer regulations, including acceptability and applicability.

Variable Credit Courses

Certain courses, designated by "V" in this catalog and on the Honolulu CC website Class Availability link, are offered for variable credit. The number of credits for which a student enrolls must be approved by the instructor prior to registration.

Transferability of Credits

Decisions concerning the acceptance of credits by an institution other than the granting institution are made at the sole discretion of the receiving institution. No representation is made whatsoever concerning the transferability of any credits to any institution.

Students considering continuing their education at or transferring to other institutions, must not assume that credits earned will be accepted by the receiving institution. An institution's accreditation does not guarantee that credits earned at that institution will be accepted for transfer by any other institution.

Students must contact the receiving institution to determine what credits, if any, that institution will accept. For information on transferring Honolulu CC credits to another institution see *TRANSFERRING TO ANOTHER COLLEGE OR UNIVERSITY*.

Transfer Credit Policy

EP 5.209 University of Hawai'i System Student Transfer and Inter-Campus Articulation

WEBSITE: <http://go.hawaii.edu/qcX>

Honolulu CC thoroughly and comprehensively evaluates transfer credits to ensure a student's smooth transition into the College and to ensure applicability to the student's program. Requests for transfer credit not specifically covered by this policy will be handled on a case-by-case basis.

Expected student learning outcomes (SLOs) of the course should be the basis of all transfer decisions. Honolulu CC will refrain from creating artificial barriers that inhibit the transfer of credit from one institution to another by concentrating on student learning outcomes. A course does not have to exactly match the title, number, course descriptions, outlines/syllabi or SLOs to be eligible for transfer credit. Generally, the College will accept a course if at least 70% of the SLOs match a comparable Honolulu CC course although some disciplines may require a higher percentage. In some cases, a pair or group of courses from one program or institution may transfer as meeting the requirements of a pair or block of Honolulu CC courses. In instances where course information does not include SLOs, a faculty member of the discipline will use appropriate professional criteria to determine whether or not the course should be accepted as equivalent.

While transfer coursework is not calculated directly into the Honolulu CC cumulative grade point average (G.P.A.), transfer courses within the UH System with a "D" grade (not D-) or better will transfer. Students transferring from a non-UH System campus may transfer "D" grades as long as the cumulative G.P.A. of all applicable transfer courses from that institution is a 2.0 or higher. This is to ensure that at the point of graduation, students meet the appropriate Honolulu CC graduation standards. All course work applied to the degree requirements must meet the 2.0 G.P.A. graduation requirement, regardless of where the course work is completed.

If transfer students have earned a "D" grade in courses that serve as an Honolulu CC program or course prerequisite or requirement and that program/course requires the completion of the prerequisite or required course at a "C" or higher level, students must take and complete the Honolulu CC prerequisite or required course and earn the required grade before proceeding.

TRANSFER CREDITS AND ARTICULATION AGREEMENTS

Transfer courses from the UH System which are included in UH system articulation agreements will be accepted in transfer.

PROCEDURES TO TRANSFER CREDITS

For any previous coursework to be evaluated for transfer to Honolulu Community College, the student's home institution must be Honolulu Community College and the student must be enrolled in a degree program. Upon admission to Honolulu Community College, a student's previous coursework will be sent to an academic counselor for evaluation. Transcripts from outside the University of Hawai'i System should be sent directly to the Honolulu Community College Records Office to be deemed an official transcript. Hand-delivered or faxed transcripts are considered unofficial and will be used for placement purposes only. University of Hawai'i System transcripts with records from 1987 to present should not be sent to the Honolulu Community College Records Office as such records are accessible through the University of Hawai'i Student Information System.

Once the transcript evaluation is complete, transferred credits will be available for student's review via the transcript tab on the STAR Degree Check at www.star.hawaii.edu.

If courses have been previously approved for transfer by HonCC from the student's former institution(s), those courses will automatically be granted acceptable within the same general education or program area.

If a course has not been previously approved for transfer by HonCC from the student's former institution(s), a counselor prepares a Request for Articulation Form and attaches the course information and forwards the Request Form to the faculty member responsible for the discipline or program.

A faculty member in the discipline decides whether the course will be accepted for transfer credit and the status of the transfer credit (e.g. meeting specific general education requirements, program requirements, or elective credits) and completes, signs, and returns the Request Form to the academic counselor.

The transfer course is then entered into the University of Hawai'i Transfer Database so future students transferring from the same institution will receive the designated credit.

BACK LANGUAGE CREDITS

Students who place above the 101 level in Hawaiian or a second language, other than English, that is offered at Honolulu Community College, may receive credits for the courses they are exempted from upon completing the next course in the sequence with a letter grade of C or higher. There will be no additional cost for these "back language credits" and grades will not be assigned; however, back language credits may only be earned for one language. Back language credits are not automatically awarded. In order to receive back language credits, students must submit a petition after they have satisfactorily completed the language course, but no later than the semester the student intends to graduate. Petitions may be obtained and submitted through an Academic Counselor.

Prior Learning Credit UHCCP 5.302

WEBSITE: <http://go.hawaii.edu/Jj3>

When requested, transfer credits may be granted:

1. If the course has direct equivalence to a Honolulu Community College course, is from a regionally accredited U.S. institution, and meets the transfer credit requirements in effect at the time of approval.
2. If non-credit training has been evaluated by the American Council of Education (ACE) using guidebooks such as:
 - The National Guide to the Educational Credit for Training Programs;
 - The Guide to the Evaluation of Educational Experiences in the Armed Services; and,
 - Guide to Educational Credit by Examination.
3. If Honolulu Community College has a formal agreement with an institution/ organization.
4. Portfolio-based review is one of the newest options for awarding Prior Learning (PL) credits. Using portfolio-based assessments, students prepare documentation and provide evidence of learning from outside the traditional classroom. The documentation and evidence are reviewed by a panel of subject matter experts. These experts, known as the Portfolio Review Committee will use course SLOs as the basis to compare the portfolio documentation and evidence. Based on this review process, recommendations will be made to award the appropriate number of college credits. Students will be charged 60% of the prevailing tuition and fees for the assessment of the evidence of student learning. More information can be obtained from Academic Counseling or the PLA representative.

COLLEGE-CREDIT EQUIVALENCY

Honolulu Community College recognizes that there are experiences outside of the college classroom that can provide College-level competency. Students with such life experiences may choose to validate their expertise through a number of evaluation procedures. Students should be aware, however, that transfer credits awarded by Honolulu CC may be reevaluated and not necessarily accepted by another institution when transferring.

NATIONWIDE EQUIVALENCY EXAMINATION: Students may apply for credits by having official transcripts from Examination Programs sent to the Records Office. Examination Programs are administered by the College Entrance Examination Board of The College Board with the assistance of the Educational Testing Service. These examination programs include the College Level Examination Program (CLEP), the Advanced Placement (AP) examinations, and the Defense Activity for Nontraditional Educational Support (DANTES),

a testing service provided The Chauncey Group International and a subsidiary of Educational Testing Service. At this time Honolulu CC does not administer any of these examinations. A list of accepted tests and cutoff scores for transfer of credit may be obtained from the Academic Counseling Office.

ADVANCED PLACEMENT EXAMINATION: Honolulu Community College accepts Advanced Placement Examination scores for credit, and in some instances, placement. For examination scores to be evaluated, students must have official transcripts of examination results sent to the Records Office. Generally, credit and placement are granted for examination scores of 3 or higher. Further information is available from the Academic Counseling Office.

COLLEGE TRANSFER CREDITS: Credit from courses completed with a grade of "D" or better at other regionally accredited Colleges and Universities may be transferred to Honolulu Community College. It is the responsibility of the student to have official transcripts sent directly to the Honolulu CC Records Office along with course descriptions, and Student Learning Outcomes (SLO) when available. Student transcripts will be evaluated in relation to a specific degree or certificate. If students change majors, they may have their transcripts reevaluated. Joint Services Transcripts (JST) sent directly to the Honolulu CC will be evaluated and appropriate credits granted toward a specific degree. Honolulu CC reserves the right to reject recommendations made by the American Council on Education (ACE) guidelines. Transcript evaluations will be processed after students are enrolled for at least one credit for Fall/Spring. Students not currently enrolled for Fall/Spring and using the transcript evaluation for Graduation purposes only, MUST inform the Records office.

CREDIT FOR NON-COLLEGIATE TRAINING: Proper documentation of non-collegiate training must be provided to the program that would be accepting credit in transfer. Course credit recommendations provided by the ACE in the National Guide to Educational Credit for Training Programs may be used by programs in deciding on the type and amount of credit that may be granted. The Honolulu CC Request for Articulation of Non-Collegiate Credits form is available at the Admissions and Academic Counseling Office.

INTERNATIONAL COLLEGES AND UNIVERSITIES: Credits earned in institutions of higher education in foreign countries may be transferred in some cases. Official transcripts must be sent directly to the Honolulu CC Records Office. Transcripts and related documents are to include course descriptions and MUST have certified English translations attached. Students are advised to check with the Records Office before ordering transcripts to see if transfer of credit will be considered.

CREDIT BY EXAMINATION

Credit by Examination is available in a few courses at Honolulu Community College. To be eligible to apply for Credit by Examination, students must be enrolled in a course other than the course that the student is trying to satisfy by taking the exam. Eligible students who learned the course content through previous training or experience, but did not receive college credit for the course may apply for Credit by Examination following the procedures outlined below:

1. The student contacts the Division Chair to determine if Credit by Examination is available for the particular course the student wishes to challenge. Whether or not a course is appropriate for this process is decided by the faculty member who will create and evaluate the examination for that course.
2. The student obtains a request form from the Records Office.
3. The student presents the request to the Division Chair who interviews the student and signs and forwards the request to the appropriate Dean for processing.
4. The student will complete the examination prepared for the course at a time set by the examiner.
5. Upon completion of the examination, the examiner records the result on the student's record. The "CE" grade is assigned if the student earns credit through Credit by Examination. To earn credit, a student must pass the examination with the equivalent of a "C" grade or higher. The "NC" grade is assigned if the student fails to earn credit through Credit by Examination.
6. Students will be charged for a course challenged through Credit by Examination at 50% of the prevailing tuition and fee regardless of the outcome of the examination.

Course Waivers and Substitutions

CAREER AND TECHNICAL EDUCATION PROGRAMS: A student seeking to waive or substitute courses must see an Academic Counselor to complete the Request for Course Waiver/Substitution for Career and Technical Education Programs. The Academic Counselor will conduct a credit/progress check with the student to verify that the substitute course is appropriate and not being used to satisfy other requirements. A transcript and course description (for non-Honolulu Community College courses only) must be attached

to EACH request and both the counselor and student sign the form. The form will be submitted to the Discipline Curriculum Liaison, Division Chair of the student's major, and Division Chair of the academic area for comments and recommendations, then to the Dean of the student's program for approval. The form will then be forwarded to the Records Office. If the waiver or substitution is approved, it will be noted on the student's academic record, and the student will be notified of the approval or disapproval.

LIBERAL ARTS PROGRAM: A student must request a Liberal Arts Course Waiver or Substitution Form through an Academic Counselor.

The Registrar approves substitutions for Liberal Arts majors under the following conditions:

- Course waivers and substitutions may be made only in the area of Honolulu CC electives. Students may substitute other Honolulu CC courses if the Vice Chancellor of Academic Affairs or Arts & Sciences Dean agrees that the substitution will receive applicable transfer credit at the schools to which the student intends to transfer.
- The substitution must not conflict with other requirements stated in the Honolulu CC catalog for the year used for graduation (total credits, GPR, numbering, area requirements, writing intensive requirements, lab requirements).
- The substitution must satisfy the transfer AA degree definition of the University of Hawai'i Articulation Policy.

Approval will be noted on the student's academic record, and the student will be notified of the decision.

Note: Approval for a Course Waiver/Substitution will not be granted prior to the successful completion of a course.

Repeating a Course

A student may repeat any Honolulu CC course in which the student received a D, F, W, or I grade. When a student repeats a course, the student's Honolulu CC GPA will be computed using the highest grade received for the course. If a course is retaken and the same grade is received then just the most recent attempt is calculated in student's Honolulu CC GPA. However, all grades will remain on the student's transcript. Any repeated courses taken after graduation may impact the student's cumulative GPA but will not be retroactively applied to the GPA calculation for prior Honolulu CC degrees or credentials awarded. Repeats will be automatically applied. Only Honolulu CC courses are eligible. Previous academic actions (Dean's List, probation, etc.) will not change. Credit is allowed only once for a repeated course except for courses marked "repeatable for credit" in the catalog. If a student inappropriately repeats a course for which a "C" or higher is earned, (i.e., in circumstances other than those described above), neither the credits nor grade points will be used to compute the G.P.A.

Semester Forgiveness

Students may request one semester of their academic career at Honolulu CC as Semester Forgiveness. If granted, Semester Forgiveness allows a student's cumulative GPA to be recalculated in order to exclude all grades from a single semester. The grades from that semester will remain on the student's academic transcript, and a notation of "Semester Forgiveness" will appear on the transcript. A declaration of Semester Forgiveness must be made prior to the award of any Honolulu CC credential (certificate or associate degree). Semester Forgiveness does not change the Financial Aid Satisfactory Academic Progress calculation. All holds (financial, academic, etc.) must be cleared before being eligible to submit a request for Semester Forgiveness.

SPECIAL PROVISION FOR REPEATING WRITING INTENSIVE (WI) COURSES: Students who receive a grade of "C" or higher in a course previously not designated as WI are not allowed to repeat the course to satisfy the WI requirement for the A.A. degree.

Final Examinations

Final examinations are given during the Evaluation Period, as published in the *ACADEMIC CALENDAR* in this Catalog. Final Exam Times are provided in the Honolulu CC Registration Guide, available online (www.honolulu.hawaii.edu/registration) and for pick up at the Records Office each semester.

Grade Reports

Instructors must submit course grades the day after the end of the course term. Students can see their final course grades online in STAR (star.hawaii.edu) by the third day following the end of the course term. Students are responsible for reporting any error in grades to the Records Office within ten days following the end of the semester.

GRADING: Students are assigned grades based on standards of achievement established by the instructor of each class. Students will be informed of these standards by the instructor. Written papers, participation in class discussion, performance on assigned projects, mid-term and final examinations, and other evaluative methods are used by instructors to assess achievement and assign grades. Instructors maintain office hours to provide special assistance to students outside of class.

GRADING SYSTEM: The "Letter Grading System" is used to report student achievement or standing in most areas. The "Credit/No-Credit System" is used only in the courses in this catalog designated "Credit/No-Credit" (CR/NC).

LETTER GRADING SYSTEM

Grade	Grade Points	Interpretation
A	4	<i>Excellent Achievement</i>
B	3	<i>Above Average Achievement</i>
C	2	<i>Average Achievement</i>
D	1	<i>Minimal Passing Achievement*</i>
F	0	<i>Failure</i>
W	<i>Not Computed</i>	<i>Withdraw</i>
I	<i>Not Computed</i>	<i>Incomplete</i>

*Note: Some courses require a "C" grade for minimal passing.

CREDIT-NO GRADE GRADING SYSTEM

Grade	Grade Points	Interpretation
CR	<i>Not Computed</i>	<i>Satisfactory Completion</i>
CE	<i>Not Computed</i>	<i>Satisfactory Completion</i>
NC	<i>Not Computed</i>	<i>No credit</i>
I	<i>Not Computed</i>	<i>Incomplete</i>
PBA	<i>Not Computed</i>	<i>Satisfactory Completion</i>
L	<i>Not Computed</i>	<i>No grade</i>

DEFINITIONS:

- **CR Grade:** The CR grade is assigned to denote passing work (equivalent to a grade of "C" or higher) for courses taken on a credit/ no-credit basis. CR grades do not affect the grade point average.
- **CE Grade:** The CE grade is assigned to denote a grade of C or higher for a course taken via the Credit by Examination option. CE grades do not affect the grade point average.
- **NC Grade:** The NC grade is assigned to denote that a student did not pass a course taken on a credit/ no-credit basis. The NC grade is also assigned when a student fails to earn credit after challenging a course through Credit by Examination. NC grades do not affect the grade point average.
- **PBA Grade:** The PBA grade is assigned to denote a grade of C or higher for a course taken via the Portfolio Based Assessment option. PBA grades do not affect the grade point average.
- **L Grade:** The L grade is assigned for those courses a student has received permission to audit. (See also AUDITING COURSES.)
- **RD or Record Delayed:** RD means that the grade has not been received by the deadline to enter grades into Banner.



Important Note:

Federal regulations stipulate that any recipient of Federal Title IV funds or Veteran's Administration benefits who withdraws or disappears will be subject to a calculation which will determine the amount of Title IV funding or Veteran's benefits that the student and the College are responsible for returning to the federal government.

This means that some grade assignments may affect the status of a student's financial aid or Veteran's benefits, requiring that some portion of that aid be returned. These include the I grade, the F grade, and the W grade.

- **I or Incomplete Grade:** The I/F or I/NC grade may be assigned when a student has completed most of the work in a course. The decision as to whether or not an I grade will be assigned is solely that of the instructor. The specific deadlines for completion of make-up work are also determined by the instructor, with the stipulation that the final deadline must not be later than the final deadline published in the Academic Calendar. A student who is assigned an I grade must contact the instructor and make arrangements for completing and submitting make-up work well before the final deadline determined by the instructor.

If an I/F or I/NC grade is assigned, and the student takes no further action before the deadline, the I grade will be automatically changed to a F or NC grade. An I/F or I/NC grade will also include the date of last attendance as provided by the instructor.

- **W or Withdraw Grade:** The W grade is assigned when a student formally withdraws from a course by the last date to withdraw as stated in the Academic Calendar. (See *CHANGE OF REGISTRATION: ADDS AND DROPS*.)

GRADE POINT AVERAGE (RATIO): A student's grade point average is computed by dividing the student's total grade points earned by the total credits attempted, excluding credits for which grades of **CE, CR, I, NC, L, PBA, or W**, are assigned.

HOW TO COMPUTE YOUR GRADE-POINT AVERAGE (RATIO) GRADE POINTS

Grade	Points
A	<i>4 per credit</i>
B	<i>3 per credit</i>
C	<i>2 per credit</i>
D	<i>1 per credit</i>
F	<i>0 per credit</i>
CE	<i>Not Computed</i>
CR	<i>Not Computed</i>
I	<i>Not Computed</i>
L	<i>Not Computed</i>
NC	<i>Not Computed</i>
PBA	<i>Not Computed</i>
W	<i>Not Computed</i>

FORMULA:
$$\frac{\text{Total no. of grade equivalents by}}{\text{Total no. of credits attempted}}$$

Current G.P.A. (G.P.R.) = grade point average (ratio) for the current semester

Cumulative G.P.A. (G.P.R.) = grade point average (ratio) for all semesters at Honolulu CC combined

AA G.P.A. (G.P.R.) - See AA degree section.

In accordance with the Honolulu CC Repeat Policy, some grades may be averaged.

In accordance with the Honolulu CC Transfer Policy, transfer courses are not included in G.P.A. calculations.

GRADE CHANGE: A student may work with their course instructor to request a Change of Grade up to a year from the date of receiving a course grade.

Academic Actions

Academic Warning, Academic Probation, Academic Suspension and Dismissal serve to notify students that their academic performance is below minimum college standards. The intent of these actions is to encourage students to take necessary actions to become successful.

ACADEMIC WARNING: A student whose HonCC grade point average (GPA) is less than 2.0 at the end of the Fall or Spring term will be notified that they are on Academic Warning and will be encouraged to seek academic advising. For the most recent semester completed, if the HonCC GPA was 2.0 or higher, but the HonCC cumulative GPA is less than 2.0, the student will remain on Academic Warning. However, if the student's cumulative GPA is 2.0 or higher, then the student will be removed from Academic Warning.

ACADEMIC PROBATION: A student will be placed on Academic Probation if they fail to earn a HonCC GPA of 2.0 or higher in a term in which they are on Academic Warning. Students on Academic Probation must meet with an Academic Counselor or attend a mandatory advising session prior to registration for the subsequent semester. For the most recent semester completed, if the HonCC GPA was 2.0 or higher, but the HonCC cumulative GPA is less than 2.0, the student will remain on Academic Probation. However, if the student's cumulative GPA is 2.0 or higher, then the student will be removed from Academic Probation.

ACADEMIC SUSPENSION: A student will be placed on Academic Suspension if they fail to earn a HonCC GPA of 2.0 or higher in a term in which they are on Academic Probation. Students on Academic Suspension shall be suspended for one semester. A suspended student may return to Honolulu CC by completing a petition with an Academic Counselor. Appeal forms are available from the Admissions or Academic Counseling Office. After readmission from Academic Suspension, the student will be placed on probation until the minimum academic standard of a 2.0 GPA is achieved to clear probation status.

DISMISSAL: During the first semester after readmission from suspension, a student who fails to earn a current grade point average of at least 2.0 in all credits graded will be dismissed. Written notification of dismissal will be sent to each dismissed student. Instructions regarding Readmission After Dismissal will be included in the written Notification of Dismissal. Regulations governing academic dismissal will be applied at the end of each Fall and Spring semester. Dismissed students cannot attend Honolulu Community College for at least one semester/term before applying for readmission. A student who has been dismissed from Honolulu CC and who has not been enrolled for one or more Fall, Spring or Accelerated Term, may petition for Readmission Following Dismissal by completing a petition with an Academic Counselor. Please file a "Petition for Readmission Following Academic Dismissal" form available at the Admissions or Academic Counseling Office (Building 5 or 6, First Floor).

VA BENEFITS: Students receiving VA educational benefits must maintain a minimum cumulative grade point average (CGPA) of at least a 2.0 each semester. A VA student whose CGPA falls below 2.0 at the end of any semester will be placed on academic probation for a maximum of two consecutive terms of enrollment. If the VA student's CGPA or percentage is still below 2.0 at the end of the second consecutive term of probation, the student's VA educational benefits will be terminated. A VA student terminated from VA educational benefits due to unsatisfactory progress may petition the school to be recertified after attaining a CGPA of 2.0 or higher for all credits graded.

Scholastic Honors

Effective Fall 1998, students who meet the following criteria will earn a place on the Dean's List:

1. A minimum of six credits of letter grade courses completed in the semester of eligibility;
2. A cumulative grade point ratio of 3.0;
3. The grade point qualification of 3.6 in the semester of eligibility;
4. Minimum of 12 credits earned at Honolulu CC. The 12 credits may have been earned during or before the term for which the student is being considered for the Dean's List; and,
5. No I's, or F's, and a maximum of one W in the semester of eligibility. A student will not be named retroactively to the Dean's List based on any Change of Grade submitted after the applicable end-of-semester deadline.

Students named to the Dean's List shall be so informed, in writing, by the Vice Chancellor of Academic Affairs. If a student believes that he/she should have been named to the Dean's List but was not, the student is encouraged to make a timely inquiry to the Vice Chancellor of Academic Affairs or designee.

Interested students may choose to join Phi Theta Kappa, a national honors society for Community College students. Interested scholars should contact the Office of the Vice Chancellor of Academic Affairs.

To graduate with honors, students must earn at least 24 credits at Honolulu Community College and have a cumulative grade point average of 3.5 or better.

Transcript Requests

An electronic (eTranscript) or paper transcript can be ordered through the National Student Clearinghouse with debit/credit card payment (must have a valid email address). Students may access the National Student Clearinghouse through the Admissions & Records Office page of the school website (<http://www.honolulu.hawaii.edu/services/admissions-records/>).

A Rush Paper Transcript can be ordered by completing a request form available at the Records Office on campus (Rush Paper Transcript fee = \$15). Payment (Cash, Check, or Debit Card) to the Cashier's Office on campus is only available during their business hours of 8:00 a.m. and 4:00 p.m.

Family Educational Rights and Privacy of Students

FERPA AP 7.022

WEBSITE: <http://go.hawaii.edu/JjJ>

University of Hawai'i System FERPA information

WEBSITE: <http://go.hawaii.edu/JjP>

AACRAO FERPA Compliance

WEBSITE: <http://go.hawaii.edu/VjJ>

U.S. Department of Education - FERPA Guidance for Students

WEBSITE: <http://go.hawaii.edu/xjJ>

Notification of Rights Under FERPA

Pursuant to Section 99.7 of the Rules and Regulations governing the Family Educational Rights and Privacy Act of 1974, hereinafter the Act, students in attendance at Honolulu Community College are hereby notified of the following:

It is the policy of Honolulu Community College to subscribe to the requirements of Section 438 of the General Education Provision Act, Title IV, of Public Law 90-247, as amended, and to the Rules and Regulations governing the Act, which protect the privacy rights of students.

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. These rights include:

- The right to inspect and review the student's education records within 45 days after the day Honolulu Community College receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The Honolulu Community College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Honolulu Community College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed. Honolulu Community College maintains records of grades and transcripts as part of the student's permanent record.
- The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the Honolulu Community College to amend a record should write the Honolulu Community College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the Honolulu Community College decides not to amend the record as requested, the Honolulu Community College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- The right to provide written consent before the Honolulu Community College discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The Honolulu Community College discloses education records without a student's prior written consent under the FERPA exception for disclosure to Honolulu Community College officials with legitimate educational interests. A Honolulu Community College official is a person employed by [Honolulu Community College] in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of regents; or a student serving on an official committee, such as a disciplinary or grievance committee. A Honolulu Community College official also may include a volunteer or contractor outside of [Honolulu Community College] who performs an institutional service or function for which the Honolulu Community College would otherwise use its own employees and who is under the direct control of the Honolulu Community College with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent. A Honolulu Community College official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for [Honolulu Community College].

- Parents and spouses of students are advised that information contained in education records, with the exception of directory information, will not be disclosed to them without the prior written consent of the student.
- Students are advised that institutional policy and procedures required under FERPA have been published as Administrative Procedure AP 7.022, Procedures Relating to Protection of the Educational Rights and Privacy of Students. Copies of Administrative Procedure AP 7.022 may be obtained from the Office of the Registrar or the Office of the Dean of Student Services.
- The right to file a complaint with the U.S. Department of Education concerning alleged failures by [Honolulu Community College] to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
 U.S. Department of Education
 400 Maryland Avenue, SW Washington, DC 20202

DIRECTORY INFORMATION:

The University has designated the following information from a student's education record as "directory information":

Name of student;
 Major field of study;
 Class (i.e., freshman, sophomore, etc.);
 Past and present participation in officially recognized activities (including positions held and official statistics related to such participation and performance);
 Past and present participation in officially recognized sports (including positions held and official statistics related to such participation and performance);
 Weight and height of members of athletic teams;
 Dates of attendance;
 Previous institution(s) attended;
 Full or part-time status;
 Degree(s) conferred (including dates);
 Honors and awards (including dean's list).

At its discretion and in conformance with applicable state law, the University may disclose directory information to the public without obtaining a student's prior consent, so long as certain conditions regarding general notification of disclosure of directory information have been followed. Specific directory information about an individual student will not be released to the public if the student has affirmatively informed the University that he or she does not want any or all of those types of information about himself or herself designated as directory information. The procedures for an individual student to "opt" out of disclosure is set forth in UH administrative policy A7.022

Note: Submission of this FERPA nondisclosure of directory information request does not automatically remove students from the UH Online Directory of email addresses, which is accessible only to those with a valid UH email address.

To remove yourself from the UH Online Directory:
 Login to MyUH
 Select the My Profile Tab
 Look for UH Online Directory, Options for Students, select Opt-out
 Lists of directory information will not be made publicly available to third parties.

The Honolulu Community College may provide the UH Foundation with lists of students with the following information: name, Honolulu Community College/college/division/department, Degree, major and minor fields of study, UH email address, home address, and telephone number for the purpose of University and alumni relations.

FERPA Annual Notice Addendum:

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records -- including your Social Security Number, grades, or other private information-- may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education" such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

STUDENT REGULATIONS

General Rights and Responsibilities

The process of teaching and learning involves rights and responsibilities on the part of faculty members, students and other members of the College and community. Honolulu CC seeks to create and maintain the best possible environment for teaching and learning to take place. Students are expected to understand and follow the course requirements as presented by each instructor; to act with respect toward their instructors, fellow students, and others with whom they may interact in the course of their studies; and, to complete all work required for their courses. Students may, in turn, expect to be treated with respect and evaluated fairly based on their academic performance.

Students are encouraged to become familiar with important policy statements that explain, in greater detail, their rights and responsibilities. These policies also outline the ways in which the College will address concerns or problems students might encounter. In general, the College wants to ensure that such issues are resolved as quickly and as fairly as possible for all involved, so that faculty and students can return to their primary focus: education. The full texts of the Student Conduct Code, the Student Academic Grievance Procedure, and the policies on Sexual Harassment and Sexual Assault, outlined briefly in this catalog, are posted on the College website (www.honolulu.hawaii.edu).

Student Conduct Code

EP 7.208

WEBSITE: <http://go.hawaii.edu/QQj>

It is a privilege to be a member of the Honolulu Community College community. This privilege provides students with the opportunity to learn and participate in the many programs that are offered on campus. Along with that privilege, students are expected to be responsible in relationships with others and to respect the special interests of the institution. These special interests are fully set forth in the UH System's Student Conduct Code.

Students found responsible for violations of Honolulu Community College's Student Conduct Code will be sanctioned in accordance with institutional policy.

Due to COVID-19 the following Student Conduct Code Appendix has been added

WEBSITE: <http://go.hawaii.edu/yc3>

The safety of all of our students and our campus community is our priority. Please be sure that you follow all recommended safety practices.

Academic Integrity

The integrity of a university depends upon academic honesty, which consists of independent learning and research. Academic dishonesty cannot be condoned by the University. Such dishonesty includes cheating and plagiarism (examples of which are given below), which violate the Student Conduct Code and may result in suspension or expulsion from the University.

Cheating includes, but is not limited to:

- giving or receiving unauthorized assistance during an examination;
- obtaining unauthorized information about an examination before it is given;
- using inappropriate or unallowable sources of information during an examination;
- falsifying data in experiments and other research;
- altering the record of any grade;
- altering answers after an examination has been submitted;
- falsifying any official University record; or,
- misrepresenting the facts in order to obtain exemptions from course requirements.

Plagiarism includes, but is not limited to:

- submitting, in fulfillment of an academic requirement, any document that has been copied in whole or in part from another individual's work without attributing that borrowed portion to the individual;
- neglecting to identify as a quotation another's idea and particular phrasing that was not assimilated into the student's language and style or paraphrasing a passage so that the reader is misled as to the source;
- submitting the same written or oral material in more than one course without obtaining authorization from the instructors involved; or,
- drylabbing, which includes obtaining and using experimental data and laboratory write-ups from other sections of the course or from previous terms, or fabricating data to fit the desired or expected results.

Copies of the Student Conduct Code are available online at <http://go.hawaii.edu/QQj>

Disciplinary Action

The faculty member must notify the student of the alleged academic misconduct and discuss the incident in question. The faculty member may take academic action against the student as the faculty member deems appropriate. These actions may be appealed through the Academic Grievance Procedure with the academic dean who oversees the program. In instances in which the faculty member believes that additional action (i.e., disciplinary sanctions and a UH Mānoa record) should be established, the case should be forwarded to the Office of the Dean of Student Services.

Financial Obligations to the University

Students who have not satisfactorily adjusted their financial obligations, such as tuition and fees, traffic violations, parking tickets, unreturned library books, library fines, other fines, locker fees, laboratory breakage charges, transcript fees, loans past due, rental payments, etc., may be denied grades, transcripts, diplomas and registration.

To clear a financial obligation hold online, students must contact the office that placed the hold to have the hold removed from their account. A copy of the "Rules and Regulations Governing Delinquent Financial Obligations Owed the University of Hawai'i," promulgated by the Board of Regents, is on file at the Business Office.

Student Participation in Assessment

Honolulu Community College is committed to the measurement of student achievement and the array of services that affect student learning. This assessment process addresses the issues of quality in our programs and services and ensures that students are learning what they need to learn. The assessment

program at Honolulu CC has five specific and interrelated goals. They are:

- Improve student academic achievement;
- Improve teaching strategies;
- Improve support services (physical resources, financial aid, admissions, student life, counseling, etc.);
- Document successes and identify opportunities for program improvement, and,
- Provide evidence of institutional effectiveness to the Honolulu CC campus, the University of Hawai'i system, accrediting bodies, and the community.

In order to achieve these goals, students at Honolulu CC will be asked to participate in a variety of assessment activities ranging from the assessment of classroom learning to the assessment of college resources, services, and policies. The information gained from these assessments will be used to make decisions that are essential to maintaining standards and ensuring continuous improvement in quality at Honolulu CC.

POLICIES & PROCEDURES

Academic Grievance

WEBSITE: www.honolulu.hawaii.edu/policies

A student who believes that a faculty member has failed to meet specific responsibilities may register a grievance. Students and faculty are encouraged to resolve their differences through consultation and mediation. Where these efforts are ineffective, the policy sets forth the process that is available to the student grievant.



Academic Rights and Freedoms of Students

Honolulu Community College embraces those aspects of academic freedom that guarantee the freedom to teach and the freedom to learn. Free inquiry and free expression for both students and faculty are indispensable and inseparable. Students, whether from the U.S. or from foreign countries, as members of the academic community are encouraged to develop a capacity for critical judgment and to engage in a sustained and independent search for truth.

For its part, Honolulu Community College guarantees all students the freedom of silence. No student is required to engage in research on any topic or make statements of any kind, unless it is the student's wish to do so.

Nondiscrimination and Affirmative Action

www.hawaii.edu/policy/docs/temp/ep1.202.pdf
www.hawaii.edu/policy/docs/temp/ap1.202.pdf

The University of Hawai'i is an Equal Opportunity/Affirmative Action Employer. It is the policy of the University of Hawai'i to comply with Federal and State laws which prohibit discrimination in university programs and activities, including but not necessarily limited to the following laws which cover students and applicants for admission to the university:

- Title VI of the Civil Rights Act of 1964 as amended (race, color, national origin);
- Age Discrimination Act of 1975 (age);
- Titles VII and VIII of the Public Health Service Act as amended (sex);
- Title IX of the Education Amendments of 1972 (sex, blindness, severely impaired vision);
- Section 504 of the Rehabilitation Act of 1973 (disability).

The University of Hawai'i also complies with Federal and State laws which mandate affirmative action and/or prohibit discrimination in employment, including, but not limited to, hiring, firing, upgrading, salaries, benefits, training, and other terms, conditions, and privileges of employment:

- Title VII of the Civil Rights Act of 1964 as amended (race, color, national origin, religion, sex, pregnancy);

- Executive Order 11246 as amended (race, color, national origin, religion, sex);
- Equal Pay Act of 1963 as amended by Title IX of the Education Amendments of 1972 (sex);
- Age Discrimination in Employment Act of 1967 (ages 40–70);
- Section 402 of the Vietnam Era Veteran's Readjustment Assistance Act of 1974 (veteran's status);
- Section 503 and 504 of the Rehabilitation Act of 1973 (disability);
- Hawai'i Revised Statutes, Chapter 76, 78, 378 (race, sex, sexual orientation, age, religion, color, ancestry, political affiliation, disability, marital status, arrest and court record).

The UH Community Colleges strive to promote full realization of equal opportunity through a positive, continuing program including Titles I–IV of the Americans with Disabilities Act (ADA) P.L. 101–336. Accordingly, vocational education opportunities will be offered without regard to race, color, national origin, sex or disability. American citizens or immigrants with limited English proficiency skills will not be denied admission to vocational education programs. In addition, employees and applicants for employment are protected under Title IX and Section 504.

Students, employees, or applicants for admission or employment who believe that they have been discriminated against on the basis of race, age, religion, color, ancestry, national origin, disability, marital status, veteran's status or arrest and court record may file a complaint with the following:

Derek Inafuku
Honolulu Community College Vice Chancellor of Administrative Services
808-845-9123; dinafuku@hawaii.edu

Wayne Sunahara
Honolulu Community College Section 504 Coordinator
808-845-9264; waynens@hawaii.edu

Christine S. Y. Chun
Office of the Vice President for Community Colleges
Director, Office of Compliance, EEO/AAC and Title IX
808-956-4564; csychun@hawaii.edu

The EEO/AAC coordinator will explain the available avenues of recourse and direct the person to the appropriate person or office. Students may also file complaints of discrimination with the Office for Civil Rights, Seattle Office, US Department of Education, 915 Second Avenue, Room 3310, Seattle, WA 98174-1099. Phone: 206-607-1600, Email: OCR.Seattle@ed.gov

Other College Policies and Procedures

The links below can be used by students, faculty, staff and for individuals inquiring about Honolulu Community College's policies and procedures.

[RP 12.203 - Right to Investigate and Disseminate](https://www.hawaii.edu/policy/docs/temp/rp12.203.pdf) (<https://www.hawaii.edu/policy/docs/temp/rp12.203.pdf>)
[UHCCP #5.211 - Statement on Professional Ethics](http://uhcc.hawaii.edu/ovpcc/policies/UHCCP_5.211) (http://uhcc.hawaii.edu/ovpcc/policies/UHCCP_5.211)
[EP 12.211 - Policy For Responding to Allegations of Research and Scholarly Misconduct](https://www.hawaii.edu/policy/docs/temp/ep12.211.pdf) (<https://www.hawaii.edu/policy/docs/temp/ep12.211.pdf>)
[EP 9.201 - Faculty and Staff Renewal and Vitality Directive](http://hawaii.edu/policy/index.php?action=viewPolicy&policySection=ep&policyChapter=9&policyNumber=201&menuView=closed) (<http://hawaii.edu/policy/index.php?action=viewPolicy&policySection=ep&policyChapter=9&policyNumber=201&menuView=closed>)

Title IX

Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex under any education program or activity that receives federal financial assistance. The conduct prohibited under Title IX includes all forms of sex discrimination such as discrimination based on pregnancy, sex or gender-based harassment (including intimidation or hostility based on sex-stereotyping), sexual harassment, and sexual violence such as sexual assault, dating violence, and domestic violence.

Honolulu Community College recognizes the inherent dignity of all individuals and hereby declares and reaffirms its commitment to the University's pursuit of equal education and employment opportunity. Any harassment of students or employees on the basis of sex, gender, and/or sexual orientation is prohibited and will not be tolerated.

Sexual misconduct, including sexual harassment, sexual assault, domestic and dating violence, and stalking are violations of the University of Hawai'i's Sex and Gender Based Misconduct Policy, EP1.204. A number of federal laws and regulations, including Title IX, the Violence Against Women Act, and the Clery Act mandate how institutions respond to such allegations. Many types of sexual misconduct may also constitute violations of Hawai'i law.

EP 1.204 – Sex and Gender Based Misconduct Policy: <http://go.hawaii.edu/5JJ>

Interim AP 1.204 – Interim Title IX Sexual Harassment Grievance Process: <http://go.hawaii.edu/oPJ>

Honolulu Community College encourages you to seek support from our campus resources. For example, students who would like to talk to someone confidentially regarding sex or gender-based discrimination may contact or make an appointment with the Wellness Center for counseling. Please contact the center at 808-845-9180 or hccwell@hawaii.edu to make an appointment, or walk-ins are accepted. If the office is closed please follow procedure and communicate with the Dean of Students Office at 808-845-9236. For more resources and a comprehensive list of services available, please see the following links:
<http://www.hawaii.edu/titleix/help/directory/#uh-honolulu-cc> or
www.honolulu.hawaii.edu/title9

Individuals who would like to report an incident of sex or gender-based discrimination may contact the Title IX Coordinator and Deputy Title IX Coordinators who oversee Honolulu Community College's centralized review, investigation, and resolution process via honcctix@hawaii.edu or using the contact information as follows:

David Uranaka-Yamashiro
Title IX Coordinator
Building 7, Room 324
874 Dillingham Blvd.
Honolulu, HI 96817
Phone: 808-845-9174
Email: honcctix@hawaii.edu

Lara Sugimoto
Deputy Title IX Coordinator for Students
Building 6, Room 103
874 Dillingham Blvd.
Honolulu, HI 96817
Phone: 808-845-9235
Email: hccdoss@hawaii.edu

Illicit Drugs and Alcohol

EP 11.201

WEBSITE: <http://go.hawaii.edu/Jj2>

Copies of policies governing the possession, consumption, serving and sale of illicit drugs and alcohol on the University of Hawai'i, Honolulu Community College campuses are available in the Office of Student Services and the Office of the Vice President for Community Colleges.

Campus-sponsored activities on campus that involve either the serving or selling of alcoholic beverages must be in compliance with applicable college/university policies and State laws and must be approved by the Chancellor in advance.

This Official Notice, by the University of Hawai'i, Office of the President is issued pursuant to the requirements of the Federal Drug-Free Schools and Communities Act of 1989 and the Drug-Free Workplace Act of 1988.

To conform with the existing law, university faculty, staff and students are not permitted to manufacture, distribute, possess, use, dispense or be under the influence of illegal drugs and/or alcohol as prohibited

by State and Federal law at university-sponsored or approved events or on university property or in buildings used by the university for education, research or recreational programs. Consistent with its mission, the university will cooperate with law enforcement agencies responsible for enforcing laws related to the use of illegal drugs and alcohol. Students found in violation shall be subject to the provisions of the Student Conduct Code. Faculty and staff found in violation are subject to disciplinary action as provided in collective bargaining agreements, university policy, and other applicable State laws and rules.

The university recognizes that substance abuse is a complex problem that is not easily resolved solely by personal effort and may require professional assistance and/or treatment. Students, faculty, and staff members with substance abuse problems are encouraged to take advantage of available diagnostic, referral, counseling and prevention services. The university will not excuse misconduct by employees and students whose judgment is impaired due to substance abuse.

The purchase, possession or consumption of alcoholic beverages is regulated by State law. Students are expected to know and abide by State law and by university rules and regulations governing the use and consumption of alcoholic beverages on campus. Students are referred to Board of Regents policy, executive policies and campus guidelines regulating the use and consumption of alcoholic beverages on campus.

Students are not permitted to be under the influence of, possess, manufacture, distribute, or sell illicit drugs as prohibited by State law at university-sponsored or approved events, on university property or in buildings used by the university for its educational or recreational programs. Reasonable suspicion of possession or use of illegal drugs and substances on campus may subject the students involved to investigation.

Sanctions which may be imposed on violators of the alcohol and drug related sections of the Student Conduct Code include disciplinary warning, probation, suspension, expulsion or rescission of grades or degree.

UH Tobacco Products Policy

EP 10.102

WEBSITE: <http://go.hawaii.edu/kjJ>

On July 10, 2018 all University of Hawai'i campuses and facilities became tobacco-free, joining more than 2,000 U.S. universities and colleges in an effort to provide a healthy environment for all students, faculty and staff.

Hawai'i state law (SB 134, Act 160, SLH 2018) now prohibits the use of tobacco products on all 10 UH campuses and university-related grounds and facilities. This includes, but is not limited to education centers, research stations and other UH-owned properties.

We encourage everyone to refrain from using tobacco products while on property owned or operated by UH. Tobacco products include, but are not limited to, cigarettes, cigars, pipes, smoking tobacco, electronic cigarettes, vapes and chewing tobacco. Those intending to use tobacco products must leave the UH campus, facility or grounds to do so. Previously designated "smoking areas", (including parking lots) are now also no-smoking areas.

Lethal Weapons

Lethal weapons (firearms, spear guns, and bows and arrows) are prohibited on campus except with specific prior permission of the Chancellor.

Personal Property

The University of Hawai'i and Honolulu Community College are not responsible for lost, stolen, or vandalized personal property. Individuals are advised to safeguard their own personal property, including cars, purses, tools, books, etc. The Student Life and Development Office located on the first floor of Building 2 houses the lost and found center.

Copyright Policy

The University of Hawaii Patent and Copyright policy can be found at: <https://www.hawaii.edu/policy/docs/temp/ep12.205.pdf>. The policy is applicable to all UH campuses, including Honolulu Community College. For a copy of the UH Patent and Copyright policy and questions, please visit the Honolulu Community College Library.

Closing Ceremony for the Inaugural Summer CTE Academy for High Schoolers



DEGREES & CERTIFICATES

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CERTIFICATES & COMPETENCIES

CAREER & TECHNICAL DEGREES

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LIBERAL ARTS DEGREE PROGRAMS

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ASIAN STUDIES

COMMUNICATION

ENTREPRENEURSHIP

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DEGREES & CERTIFICATES

GRADUATION INFORMATION

Eligibility for Graduation

Graduation requirements are based on approved program requirements.

In determining graduation eligibility, the terms "Major Courses", "Courses in the Major", and "Credits in the Major" refer to the following:

- Courses which are trade specific, i.e., the course title or the course description indicates that the course is specifically for students in the major (e.g., CHEM 105C for Cosmetology Majors),
- Courses which satisfy program requirements and have the alpha associated with the major (e.g., WELD 152 for the Welding program, but not WELD 100).

To graduate with a degree (AA, AS, AAS) from a University of Hawai'i Community College, a student must have earned a minimum of 12 credits of program courses in the degree/major from that college. For the Applied Trades Degree, any twelve (12) credits that may be applied to the AAS degree and earned at Honolulu Community College, including credits converted from a Honolulu Community College Apprenticeship Program, will satisfy this requirement. Exceptions to the policy, to reduce the number of required credits, may be made on a case-by-case basis by the Vice Chancellor for Academic Affairs, or designee, in consultation with the appropriate campus personnel, at the degree-granting college.



Graduation Options

Enrolled Students: (students maintaining continuous enrollment at Honolulu Community College) may graduate according to:

- The requirements in effect at the time they enrolled; or,
- The requirements in effect at the time of graduation.

Students who change their major while enrolled may graduate according to:

- The requirements of their major in effect at the time they changed their major; or,
- The requirements in effect at the time of graduation.

IMPORTANT: Students who have a break in enrollment and apply for graduation will graduate according to the requirements in effect at the time of their return to the program or at the time of graduation. If the break in enrollment has been less than one year, students have the option of following the requirements for enrolled students.

(Graduation options do not apply to course registration. Students must meet current requirements to register for a class.)

Credit Time Limits

There is no expiration date for courses that fulfill a student's associate in arts degree requirements or that fulfill a student's general education requirements for any associate in science degree or certificate program. However, the division in which the student is pursuing an associate degree or certificate may decide that certain required courses that were taken in the past must be retaken. The respective division chair will make the final decision.

Graduation and Diploma Procedures

WEBSITE: www.honolulu.hawaii.edu/services/admissions-records/

Students should consult with their Academic Counselor for a graduation evaluation prior to registering for their final semester.

Candidates for all Certificates and Associate degrees must file an application for graduation with the Records Office to participate in the graduation ceremony and to be included in the list of graduates used for graduation program, ceremonies, and/or celebrations.

Applications received after the announced deadline will be processed for graduation in the following semester.

A \$25 non-refundable graduation application processing fee that includes the printing & mailing cost of the diploma and its cover, is payable at the time the student submits an application. An additional fee of \$25 is assessed for students requesting a second diploma and diploma cover.

If the student does not graduate in the semester they apply for, the \$25 fee will be applied to the semester he or she graduates. However, another Application for Graduation must be filed with the Records Office by the announced deadline.

More detailed information about the Graduation Application process can be found on the website.

Commencement Ceremony

The Commencement ceremony celebrates students' graduation. Commencement is conducted once a year at the conclusion of the Spring semester, however graduates from the previous Fall semester also participate in this ceremony. When necessary, a celebration of graduates will be held in other formats.

To participate in the ceremony, students will need to submit an application for graduation by the deadline stated each year. Students who have applied for Spring or Fall Graduation will be invited to participate in the ceremony and will be included in the Commencement Program. Participants will be required to purchase caps and gowns for graduation. There is no additional charge for the graduate or their guests to attend the Commencement ceremony.

Any additional information, questions or concerns regarding the Commencement Ceremony or Celebration of Graduates should be directed to Student Life and Development. www.honolulu.hawaii.edu/graduation

REVERSE TRANSFER AND AUTOMATIC NOTIFICATION OF CREDENTIALS

Students who have successfully completed all program requirements for a degree or certificate will be made aware of the earning of the degree or certificate. Once verified, the earned degree or certificate will be noted on the academic record unless requested not to do so by the student. The notation will be at no cost to the student.



UH Community Colleges Academic Credentials

I. CERTIFICATES & COMPETENCIES

Certificate of Participation (CP)

A document issued to students who have participated in non-credit courses or activities which do not meet the requirements for other certificates or degrees. This certificate does not reflect academic performance, and no performance evaluation is implied by its issuance.

Certificate of Professional Development (CPD)

A college credential for students who have successfully completed designated short-term credit or non-credit courses which provide them with industry specific job upgrading or entry-level skills. The issuance of a Certificate of Professional Development requires that the students' work has been evaluated and stated competencies have been met. Credit course sequences shall be less than 4 credit hours.

Certificate of Competence (CO)

A college credential for students who have successfully completed designated short-term credit or non-credit courses which provide them with job upgrading or entry-level skills. Credit course sequences shall be at least 4 and less than 24 credit hours. To be eligible for the CO, students must maintain a grade point average (GPA) of 2.0 ("C") or higher. See additional academic requirements in *PROGRAM DESCRIPTIONS*.

- Residency: To graduate with a CO from a University of Hawai'i Community College, a student must have earned a minimum of twenty percent (20%) of program courses in the certificate from that college.

Academic Subject Certificate (ASC)

A college credential for students who have successfully completed a specific sequence of credit courses from the Associate in Arts (AA) Degree curriculum. The sequence must fit within the structure of the AA degree, may not extend the credits required for the AA degree, and shall be at least 12 credit hours. To be eligible for the ASC, students must maintain a GPA of 2.0 ("C") or higher. See additional academic requirements in *PROGRAM DESCRIPTIONS*.

Certificate of Achievement (CA)

A college credential for students who have successfully completed designated medium-term career and technical education credit course sequences which provide them with entry level skills or job upgrading. These course sequences shall be at least 24 credit hours, but may not exceed 51 credit hours (unless external employment requirements exceed this number). Appropriate to the CTE program, the CA may include General Education courses that meet industry requirements. The issuance of a CA requires that the student's work has been evaluated and stated outcomes have been met. The issuance of a CA requires that the student must earn a cumulative 2.0 GPA or better for all courses required in the certificate.

- Residency: To graduate with a CA degree from a University of Hawai'i Community College, a student must have earned a minimum of 12 credits of program courses in the degree/major from that college. Exceptions to the policy, to reduce the number of required credits, may be made on a case-by-case basis by the Vice Chancellor for Academic Affairs, or designee, in consultation with the appropriate campus personnel, at the degree-granting college.

Advanced Professional Certificate (APC)

A college credential for students who have successfully completed a one-year advanced Career and Technical-Professional Program beyond the Associate Degree. Currently, the only program offering this certificate at Honolulu Community College is the Computing, Security, and Networking Technology (CSNT) Program. Please see details in the Career and Technical Education Programs/CSNT section of this catalog.

II. CAREER & TECHNICAL EDUCATION DEGREES

Beginning with the 1996-97 academic year, certain Career and Technical Education Programs began to offer the Associate in Applied Science (AAS) degree, while others offer an Associate in Science (AS) degree. In addition, a customized degree opportunity, the Associate in Technical Studies (ATS) degree is available. The definitions follow:

Associate in Science (AS) Degree

A two-year Career and Technical-Professional degree consisting of at least 60 semester credits, which provides students with skills and competencies for gainful employment, entirely at the baccalaureate level. To be eligible for the AS, students must maintain a cumulative GPA of 2.0 ("C") or higher. See additional academic requirements in *PROGRAM DESCRIPTIONS*.



Associate in Applied Science (AAS) Degree

A two-year Career and Technical-Professional degree consisting of at least 60 semester credits, which provides students with skills and competencies for gainful employment. This degree is not intended nor designed for transfer directly into a baccalaureate program. AAS programs include some baccalaureate level course offerings. To be eligible for the AAS, students must maintain a cumulative GPA of 2.0 ("C") or higher. See additional academic requirements in *PROGRAM DESCRIPTIONS*.

Associate in Technical Studies (ATS) Degree

A two-year Career and Technical-Professional degree consisting of at least 60 semester credits, which provides students with skills and competencies for gainful employment. This degree must be customized by using courses from two or more existing approved programs and is intended to target emerging career areas which cross traditional boundaries. The ATS degree must have educational objectives that are clearly defined and recognized by business, industry, and employers who have needs for specialized training for a limited number of employees. This degree must have advanced approval, and cannot be requested based upon previously completed coursework. To be eligible for the ATS, students must maintain a cumulative GPA of 2.0 ("C") or higher. See additional academic requirements in *PROGRAM DESCRIPTIONS*.

It is important that students consult with major program advisors or Academic Counselors when preparing their courses of study to ensure that the proper sequence is followed. The responsibility for meeting program requirements rests with the student.

Competencies for the AS, AAS, and ATS Degrees

Graduates of Honolulu Community College who complete one of the Career and Technical degrees should be able to:

- Demonstrate competence in a selected program of study;
- Demonstrate basic proficiency in English and Math;
- Demonstrate, by course completion, communication and quantitative or logical reasoning skills useful in the career field; and,
- Demonstrate, by course completion, understanding of the major areas of knowledge: the natural sciences, the social sciences, and the humanities and fine arts.

Additional Program and Course Student Learning Outcomes (SLOs) are described in the Honolulu Community College online catalog at www.honolulu.hawaii.edu/catalog.

Requirements for the AS, AAS, and ATS Degrees

- Credits earned in ELI courses; and all ESL courses except ESL 23, may not be used to fulfill degree requirements.
- English and Math graduation proficiency requirement: Written competence will be demonstrated by either completion of ENG 100 or higher or another approved course in the Communications category. Computational competence will be demonstrated by placement in MATH 100 and completion of MATH 100 or another approved course in the Quantitative or Logical Reasoning category. Students in programs requiring MATH 150 must complete MATH 50 with a "C" or higher as a prerequisite.
- Courses required by major program (see Programs and Courses sections).
- Electives as needed to meet total credit hour requirements.
- To graduate with a degree (AS, AAS, ATS) from a University of Hawai'i Community College, a student must have earned a minimum of 12 credits of program courses in the degree/major from that college. For the Applied Trades Degree, any twelve (12) credits that may be applied to the AAS degree and earned at Honolulu Community College, including credits converted from a Honolulu Community College Apprenticeship Program, will satisfy this requirement. Exceptions to the policy, to reduce the number of required credits, may be made on a case-by-case basis by the Vice Chancellor for Academic Affairs, or designee, in consultation with the appropriate campus personnel, at the degree-granting college.



Note: Some courses taken to fulfill the AS, AAS, ATS General Education requirements at Honolulu Community College may not be applicable toward degrees at other institutions including University of Hawai'i Campuses. Detailed information regarding course transferability from Honolulu Community College to other UH System Campuses is available from the UH Course Transfer Database at www.hawaii.edu/transferdatabase. Students pursuing an Associate in Science (AS) or an Associate in Applied Science (AAS) degree with the intent to transfer and pursue a baccalaureate degree, should meet with an Academic Counselor.

AS, AAS, AND ATS DEGREES MINIMUM GENERAL EDUCATION REQUIREMENTS: 15 CREDITS

Courses must be completed in each of the following five areas. In addition, courses may not be used to fulfill requirements in more than one category.

I. Communications:

Students placing into ENG 100 or higher have the option to complete ENG 100 or any of the following approved courses in the Communications category:

ENG 100, 100 (with 100S), 100 (with 100T), 200, 209
JOUR 205

II. Quantitative or Logical Reasoning:

Students placing into MATH 100 or higher have the option to complete MATH 100 or any of the following approved courses in the Quantitative or Logical Reasoning category:

MATH 100, 103, 112, 115, 135, 140, 150, 150P, 241, PHIL 111

Recommended Preparation: Math prerequisites should be completed within the last two (2) years.

III. Humanities and Fine Arts:

AMST 150, 201, 202
ANTH 135 (*cross-listed as SSCI 125*)
ART 101, 107D, 111, 113, 123, 196, 213
ASAN 100, 201, 202, 296C
EALL 271 (*cross-listed as ENG 271*), 272 (*cross-listed as ENG 272*)
ENG 250, 251, 252, 253, 254, 255, 256, 257A, 257E, 257F, 257G, 257K, 257M, 257N,
257O, 257P, 257S, 257X, 257Y, 257Z, 271 (*cross-listed as EALL 271*), 272 (*cross-listed as EALL 272*)
FT 216

HAW	261
HIST	151, 152, 231, 232, 246, 250, 281, 282, 288, 296E, 296M
HWST	107, 128, 129, 135, 207, 228, 229, 270, 282, 285
LING	102
MUS	107
PHIL	100, 101
REL	150, 151, 210
SSCI	125 (<i>cross-listed as ANTH 135</i>)
SP	151, 251

IV. Natural Sciences:

For hyphenated courses, each part equals one course, e.g., CHEM 100 is one course and CHEM 100L is one course.

AEC	277
AG	100
ASTR	110
BIOC	141, 142
BIOL	100, 101/101L, 123, 171/171L, 172/172L
BOT	101/101L
CHEM	100/100L, 105, 105C, 151/151L, 161/161L, 162/162L
ERTH	101/101L, 103
FSHN	185
FT	221
GEO	101/101L
HWST	281/281L
KLS	195
MICR	130, 140L
OCN	102, 201, 201L
PHYL	141/141L, 142/142L
PHYS	100/100L, 103, 104, 105, 105P, 151/151L, 152/152L, 170/170L, 272/272L, 274
PSY	230
SCI	295V
ZOOL	200/200L

V. Social Sciences:

AEC	237
BOT	105 (<i>cross-listed as HWST 105</i>)
ECON	120, 130, 131
FT	200
GEO	102, 122
HDFS	100, 133, 141, 230, 244, 296
HSER	170
HWST	105 (<i>cross-listed as BOT 105</i>)
ICS	102
JOUR	150
POLS	110, 120, 130
PSY	100, 180, 212, 220, 225, 240, 250, 260, 270
SOC	100, 212, 214, 218, 231
SP	170, 181
SW	200
WGSS	151, 230

III. LIBERAL ARTS DEGREE

Associate in Arts (AA) Degree Program

Honolulu Community College's Associate in Arts (AA) Degree is a two-year liberal arts degree designed to provide students with (1) skills and perspectives fundamental to undertaking higher education; and, (2) a broad exposure to different domains of academic knowledge.

Sixty (60) semester credits of courses numbered at the 100 and 200 levels are required for the degree. Requirements include a General Education core of 31 credits:

Graduation Proficiency:

- Written competence will be demonstrated by either completion of ENG 100 or higher or another approved course in the Written Communication category.
- Computational competence will be demonstrated by completion of an approved course in the Quantitative Reasoning category.

12 credits of Foundation courses in three areas:

1. Written Communication;
2. Quantitative Reasoning; and
3. Global and Multicultural Perspectives; and,

19 credits of Diversification courses in three areas:

1. Arts, Humanities, and Literatures;
2. Natural Sciences; and,
3. Social Sciences.

Students are required to take Focus courses to enhance their knowledge and skills in:

1. Writing;
2. Understanding the cultural diversity in Hawai'i, the Pacific and Asia; and,
3. Analyzing and deliberating on ethical problems.

In addition, students are required to take 3 credits of Speech to improve their speaking and communication skills.



Transferring to Another College or University

TRANSFERRING WITH AN AA DEGREE TO UH-MĀNOA, UH-HILO, OR UH-WEST O'AHU: Students who earn an Associate in Arts (AA) degree from Honolulu CC are accepted as having completed the General Education requirements at UH-Mānoa, UH-Hilo, and UH-West O'ahu (UH Executive Policy E5.209, effective Fall 1994).

All courses taken for an AA degree are transferable within the UH System. However, some programs and majors may require additional coursework beyond those required for the AA degree. For example, some programs require competency in a second language in addition to English.

Students should consult with a Liberal Arts Academic Counselor, for example, Pre-Business or Pre-Education, for assistance in planning which courses will fulfill graduation requirements for the transfer institution's Bachelor's degree program. Counselors can assist students in selecting a major with courses that have already been taken that are transferable.

Students should be aware of application deadlines for schools they plan to transfer to. For UH-Mānoa, priority deadlines are February 1 for the Fall semester and September 1 for the Spring semester; final deadlines are May 1 for the Fall semester and October 1 for the Spring semester. International applicants must meet the priority deadlines. Some programs at UH-Mānoa have earlier deadlines.

TRANSFERRING TO UH-MĀNOA AND UH-HILO WITHOUT AN AA DEGREE: Students may transfer to UH-Mānoa or UH-Hilo before receiving an AA Degree, as long as they have completed 24 transferable credits (numbered 100 and above) by the time of application with a grade-point average (GPA) of 2.0 (residents) or 2.5 (non-residents) for all transferable credits from all colleges attended. NOTE: Some programs at UH Mānoa or UH Hilo may have additional admission requirements or may require a GPA higher than 2.0 or 2.5.

While the Honolulu CC GPA is not used in calculating cumulative GPA at four-year campuses, it is considered for admissions purposes. "D" grades from the UH System are accepted for general admissions to UH Mānoa; however, they may not be accepted as graduation requirements in some programs.

Students who do not have 24 transferable credits are subject to the same admission requirements as entering freshmen at UH-Mānoa and UH-Hilo, such as satisfactory high school transcripts and official scores of the Scholastic Aptitude Test (SAT) or the American College Test (ACT).

TRANSFERRING TO OTHER INSTITUTIONS: Students may transfer courses from Honolulu CC to colleges and universities outside the UH System in Hawai'i and on the Mainland. The institution to which the student transfers determines the courses that will transfer. In Hawai'i, Honolulu CC has articulation agreements with Hawai'i Pacific University and Chaminade University.

For more detailed information on how to apply and transfer to other colleges or universities, contact the college or university directly or see a Honolulu CC Liberal Arts Counselor for assistance. Application deadlines for individual schools vary.

Honolulu Community College AA Degree Requirements:

General Requirements for the AA Degree:

1. Minimum required credits: 60
2. To be eligible for the AA, students must maintain a cumulative GPA of 2.0 ("C") or higher. (The AA GPA is based on all courses numbered 100 or higher.) See additional academic requirements in *PROGRAM DESCRIPTIONS*.
3. All courses must be numbered 100 or above.
4. Two courses taken as Writing Intensive (W), and passed with a grade of "C" or higher. Students are encouraged to take a third Writing Intensive course, preferably in a different subject area, while at Honolulu CC. ENG 100 with a grade of "C" or higher is a prerequisite for Writing Intensive courses.
5. At least one course in the following two Focus areas: (1) Hawaiian, Asian, and Pacific Issues; (2) Ethical Issues.
6. At least one course must be taken in Speech.
7. To graduate with an AA degree from a University of Hawai'i Community College, a student must have earned a minimum of 12 credits of program courses in the degree/major from that college. Exceptions to the policy, to reduce the number of required credits, may be made on a case-by-case basis by the Vice Chancellor for Academic Affairs, or designee, in consultation with the appropriate campus personnel, at the degree-granting college.

Cost of Textbooks/Supplies:

The cost for books is estimated to be approximately \$250-\$300 per semester for full-time Liberal Arts majors.

Course Requirements for the AA Degree:

Liberal Arts students are strongly encouraged to complete the Foundation Requirements of ENG 100 and Quantitative Reasoning early in their academic program. It is also important for students to stay "on track" with course selections appropriate for the major they plan to enter following their AA degree at Honolulu CC. Students should check with a Liberal Arts Counselor to be sure they are taking courses for the intended transfer program.

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Note: Enrollment in most transfer level courses requires placement in ENG 100 + 100S or ESL 23.

Note: Electives are any courses numbered 100 or higher and make up the balance of credits needed to fulfill the 60 credit total required for the Associate in Arts degree. Students will save time and effort by selecting electives that satisfy program prerequisites for the intended Bachelor's degree. Students may see a Counselor for assistance in selecting Elective credits appropriate for their major.

Note: Not all classes are offered every semester or every year. Students should check Class Availability online and/or speak with a Counselor when selecting courses.

1. FOUNDATIONS REQUIREMENT FOR THE AA DEGREE: 12 CREDITS

Foundation courses include courses in Written Communication, Quantitative Reasoning, and Global-Multicultural Perspectives. Because these courses are intended to give students skills and perspectives that are fundamental to undertaking higher education, students are encouraged to take their Written Communication, Quantitative Reasoning, and Global-Multicultural Perspectives courses in their first year. Foundation courses approved to date are listed below.

Note: Courses taken to fulfill the Foundations Requirement may not be used to fulfill requirements in other categories (i.e., Diversification or Focus Requirements).

- **Written Communication (FW) Requirement: 3 Credits.**

Courses designated as FW introduce students to the rhetorical, conceptual, and stylistic demands of writing at the college level. The courses provides instruction in composing processes, search strategies, and composing from sources. It also provides students with experience in the library and on the Internet as well as enhancing skills in accessing and using various types of primary and secondary materials.

ENG 100 or ENG 100 + 100S or ENG 100 + 100T

- **Quantitative Reasoning (FQ) Requirement: 3 Credits.**

The primary goal of FQ courses is to develop mathematical reasoning skills at the college level. Students apply mathematical concepts to the interpretation and analysis of quantifiable information in order to solve a wide range of problems arising in pure and applied research in specific disciplines, professional settings, and /or daily life.

Students placing into MATH 100 or higher are required to complete one of the following approved courses in the Quantitative Reasoning category:

MATH 100, 103, 112, 115, 135, 140, 241, PHIL 111

Recommended Preparation: Math prerequisites should be completed within the last two (2) years.

- **Global & Multicultural Perspectives (FG) Requirement: 6 Credits from two groups.**

Courses designated as FG provide thematic treatments of global processes and cross-cultural interactions from a variety of perspectives. Students gain a sense of human development from prehistory to modern times through consideration of narratives and artifacts from diverse cultures. At least one component of each of the two courses covers the indigenous cultures of Hawai'i, the Pacific, and Asia.

Group FGA: ANTH 151, HIST 151

Group FGB: AMST 150, ANTH 152, GEO 102, HAW 110, HIST 152

Group FGC: MUS 107, REL 150

2. DIVERSIFICATION REQUIREMENT FOR THE AA DEGREE: 19 CREDITS.

The diversification requirement is intended to assure that every student has a broad exposure to different domains of academic knowledge while, at the same time, allowing flexibility for students with different goals and interests. Diversification courses approved to date are listed below.

Note: Diversification courses must come from different departments than the courses students used to satisfy the Foundations Global & Multicultural Perspectives requirement.

- a. **Arts (DA), Humanities (DH), & Literatures (DL) Requirement: 6 Credits, from two different groups.**

Group 1: The Arts (DA)

<u>Mainly Theory:</u>	<u>Mainly Practice:</u>
ART 101	ART 107D, 111, 113, 123, 196, 213
	HWST 128, 129, 135, 228, 229
	SP 151, 251

(Any combination of one-credit courses that totals three-credit hours will be considered the equivalent of a one-semester course.)

Group 2: Humanities (DH)

AMST	201, 202
ANTH	135 (<i>cross-listed as SSCI 125</i>)
ASAN	100, 201, 202, 296C
HIST	231, 232, 246, 250, 281, 282, 288, 296E, 296M
HWST	107, 207, 282, 285
PHIL	100, 101
REL	151, 210
SSCI	125 (<i>cross-listed as ANTH 135</i>)

Group 3: Literature and Language (DL)

EALL	271 (<i>cross-listed as ENG 271</i>), 272 (<i>cross-listed as ENG 272</i>)
ENG	250, 251, 252, 253, 254, 255, 256, 257A, 257E, 257F, 257G, 257K, 257M, 257N, 257O, 257P, 257S, 257X, 257Y, 257Z, 271 (<i>cross-listed as EALL 271</i>), 272 (<i>cross-listed as EALL 272</i>)
HAW	261
HWST	270
LING	102

- b. **Natural Sciences Requirement: 7 Credits, one Biological Science (DB), one Physical Science (DP), and one Laboratory (DY).**

Group 1: Biological Sciences (DB)

AG	100
BIOL	100, 101, 123, 171, 172
BOT	101
FSHN	185
MICR	130
OCN	102
PHYL	141, 142
PSY	230
ZOOL	200

Group 2: Physical Sciences (DP)

ASTR	110
BIOC	141, 142
CHEM	100, 105 (<i>DY lab incl.</i>), 105C, 151, 161, 162
ERTH	101, 103
GEO	101
HWST	281
OCN	201
PHYS	100, 105 (<i>DY lab incl.</i>), 151, 152, 170, 272, 274

Group 3: Laboratory (DY)

BIOL	101L, 171L, 172L
BOT	101L
CHEM	100L, 151L, 161L, 162L
ERTH	101L
GEO	101L
HWST	281L
MICR	140L
OCN	201L
PHYS	100L, 151L, 152L, 170L, 272L
PHYL	141L, 142L
SCI	295V
ZOOL	200L

c. **Social Sciences (DS) Requirement: 6 Credits, 3 credits each from 2 different disciplines.**

BOT	105 (<i>cross-listed as HWST 105</i>)
ECON	120, 130, 131
GEO	122
HDFS	230
HWST	105 (<i>cross-listed as BOT 105</i>)
JOUR	150
POLS	110, 120, 130, 180
PSY	100, 180, 212, 220, 225, 240, 250, 260, 270
SOC	100, 212, 214, 218, 231
SP	170, 181
WGSS	151, 230

3. FOCUS REQUIREMENTS FOR THE AA DEGREE:

The three Focus Requirements for Honolulu CC's AA degree identify three skills and discourses essential to General Education: writing; Hawaiian, Asian, and Pacific issues; and, ethical analysis and deliberation.

Courses fulfilling focus requirements may come from across the curriculum. Any course in the AA degree curriculum may be given these designations, except for Foundation courses (FW, FQ, and FG courses). Specific course sections are approved for Focus Designations by a faculty committee of the General Education Board and are identified on the Honolulu CC website (www.honolulu.hawaii.edu) Class Availability link by WI-, H-, and HCC-E- before the course titles. (i.e. ENG 250 WI-American Literature)

For a list of Focus courses offered each semester, see the Honolulu CC Registration Guide (www.honolulu.hawaii.edu/registration).

- **Writing Intensive (WI): 2 Courses Required.** Courses designated WI- before the course title are designed to provide students with opportunities to develop writing skills in a variety of subject areas. Since Writing Intensive courses provide a range of writing experiences, students are encouraged to select courses in different subject areas. This allows students to meet this Focus requirement while also fulfilling Diversification requirements. Students planning to transfer to UH-Mānoa (which requires two of five Writing Intensive courses at the 300 or 400 level) are encouraged to take a third Writing Intensive course while at Honolulu CC. Courses designated WI- fulfill the WI-focus requirement at any UH campus.
- **Hawaiian, Asian, and Pacific Issues (H): 1 Course Required.** Courses designated H- before the course title are designed to increase a student's understanding of Hawaiian, Asian, and Pacific issues and to foster multicultural understanding and respect. Courses designated H- fulfill the H-focus requirement at any UH campus.
- **Contemporary Ethical Issues (E): 1 Course Required.** Courses designated HCC-E- before the course title are designed to give students tools for the development of responsible deliberation and ethical judgment. Courses designated HCC-E- fulfill the E-focus requirement at Honolulu CC, but not at UH Mānoa. UH-Mānoa requires a 300-level E-focus course for graduation.

4. SPEECH REQUIREMENTS FOR THE AA DEGREE: 3 CREDITS

The Speech requirement is intended to provide for the development of clear and effective oral communication skills. Speech courses approved to date are listed below.

SP 151, 251

Liberal Arts: Degree Programs

Hawaiian Studies

The Hawaiian Studies Associate in Arts will provide pathways, support, and recognition for students who are pursuing an AA at Honolulu Community College which is a two-year liberal arts degree that provides students with, 1) skills and perspectives fundamental to undertaking higher education; and, 2) a broad exposure to different domains of academic knowledge. This program will also ensure that students will enter a baccalaureate Hawaiian Studies program with the skills and knowledge required to promote success in the Hawaiian Studies major. The AA in Hawaiian Studies has comparable foundation, and diversification requirements to the Honolulu CC AA in Liberal Arts. It includes an expanded set of graduation requirements that, 1) provides students with a foundational introduction to the study of Hawaiian knowledge, cultural understanding, and values through exposure to origins, language, environment, craft, history, politics and culture; and, 2) supports the development and training of students toward the use of Hawaiian based knowledge and methods in the workforce and other areas of inquiry such as science, humanities, the arts, social sciences, and other professional endeavors.

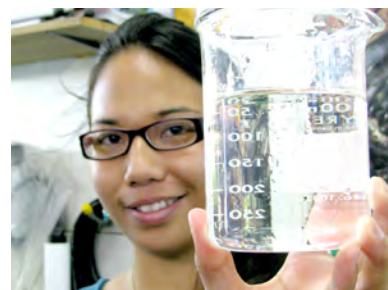
For more information on requirements, see Hawaiian Studies in the *LIBERAL ARTS DEPARTMENTS* section.



Natural Sciences

The Natural Science Associate of Science is a two-year liberal arts degree program that will prepare students to transfer to baccalaureate STEM (Science, Technology, Engineering and Math) programs with recognized and supported pathways. With concentrations in Biological Sciences, Physical Sciences, and Engineering students have the opportunity to apply fundamental concepts and techniques in their chosen field of study, such as biology, chemistry, geology, engineering, etc. Upon successful completion of the program, students are able to analyze data using the most current technology, apply mathematical, physical and chemical concepts and techniques to scientific issues, and communicate scientific ideas and principles.

For more information on requirements, see Natural Sciences in the *LIBERAL ARTS DEPARTMENTS* section.



Liberal Arts: Academic Subject Certificates (ASC)

Asian Studies

Honolulu Community College offers students the opportunity to study the language, culture, history, politics, economics, and religion of Asia in an interdisciplinary program leading to an Academic Subject Certificate in Asian Studies. This academic credential is designed to provide students with an extension of the AA degree and when included on student transcripts, can be the first step toward employment in a variety of professional and academic fields related directly or indirectly to Asia.

To receive this credential, the student must complete 15 credits of Asian Studies-related coursework. A grade of "C" or higher must be earned for all courses required in the certificate.

For more information on requirements, see Asian Studies in the *LIBERAL ARTS DEPARTMENTS* section.



Communication

Honolulu Community College offers its students the opportunity to study Communication in a program leading to an Academic Subject Certificate in Communication. This academic credential is included on student transcripts and can be the first step toward employment in a variety of professional and academic fields related directly or indirectly to Communication.

To receive this credential, the student must complete courses in Speech. A grade of "C" or higher must be earned for all courses required in the certificate.

For more information on requirements, see Communication in the *LIBERAL ARTS DEPARTMENTS* section.



Entrepreneurship

Honolulu Community College offers its students the opportunity to study Entrepreneurship in a program leading to an Academic Subject Certificate in Entrepreneurship. This academic credential is included on student transcripts and can be the first step toward employment in a variety of professional and academic fields related directly or indirectly to Entrepreneurship.

To receive this credential, the student must complete three existing general education courses and four one-credit new entrepreneurship (ENT) courses, for a total of 13 credits. Course topics include marketing, social media, innovation, finance, and business writing. Students will also be required to participate in a one-credit practicum or short-term internship to gain professional business experience. A grade of "C" or higher must be earned for all courses required in the certificate.

For more information on requirements, see Entrepreneurship in the *LIBERAL ARTS DEPARTMENTS* section.



Marine Option Program

Honolulu Community College offers its students from any background or degree program the opportunity to study the ocean and other marine related topics leading to an Academic Subject Certificate in the Marine Option Program. This academic certificate is included on student transcripts and can enhance student success in obtaining employment in any occupation where enhanced ocean awareness is applicable.

To receive this certificate, the student must complete the required courses in the Introductory Seminar Course, Ocean Survey Courses, Ocean-Related Courses, and Experiential Project/internship categories. They must also present their experiential project or internship at the annual MOP Symposium held every April. A grade of "C" or higher must be earned for all courses required in the certificate.

For more information on requirements, see Marine Option Program in the *LIBERAL ARTS DEPARTMENTS* section.



Psychology

Honolulu Community College offers its students the opportunity to study Psychology in a program leading to an Academic Subject Certificate in Psychology. This academic credential is included on student transcripts and can be the first step toward employment in a variety of professional and academic fields related directly or indirectly to Psychology.

To receive this credential, the student must complete Survey of Psychology, Survey of Research Methods, Statistical Techniques, and one course each from three of four areas: Experimental, Psychobiology, Developmental, and Social or Personality. In addition, students must complete one elective course in Psychology. A grade of "C" or higher must be earned for all courses required in the certificate.

For more information on requirements, see Psychology in the *LIBERAL ARTS DEPARTMENTS* section.



Sustainability

Honolulu Community College offers its students the opportunity to study Sustainability in a program leading to an Academic Subject Certificate in Sustainability. This certificate provides students with an interdisciplinary understanding of core concepts in environmental and sustainability studies. Achieving this certificate connects students with an interest in sustainability to relevant courses, research, community-based applications, transfer opportunities and emerging career fields. This certificate will prepare students to pursue UH system certificate and 4-year degree programs related to sustainability.

To receive this credential, the student must complete a minimum of 13 credits and a maximum of 15 credits, depending if students take lab classes. All courses must be Sustainability Focused (SF) to apply to certificate. Honolulu Community College currently offers a sufficient number and range of Sustainability Focused courses

to provide an academically rigorous certificate. New courses are certified each academic year.

For more information on requirements, see Sustainability in the *LIBERAL ARTS DEPARTMENTS* section.



Fashion Technology's "Captured" Fashion Show in the Loui Room



PROGRAM DESCRIPTIONS

PROGRAM DESCRIPTIONS

CAREER & TECHNICAL EDUCATION

ADMINISTRATION OF JUSTICE
AERONAUTICS MAINTENANCE TECHNOLOGY
APPLIED TRADES
ARCHITECTURE, ENGINEERING & CONSTRUCTION TECHNOLOGIES
AUTO BODY REPAIR & PAINTING
AUTOMOTIVE TECHNOLOGY
CARPENTRY TECHNOLOGY
COMMUNICATION ARTS
COMPUTING, SECURITY, & NETWORKING TECHNOLOGY
COSMETOLOGY
DIESEL MECHANICS TECHNOLOGY
EARLY CHILDHOOD EDUCATION
ELECTRICAL INSTALLATION & MAINTENANCE TECHNOLOGY
FASHION TECHNOLOGY
FIRE & ENVIRONMENTAL EMERGENCY RESPONSE
HUMAN SERVICES
MUSIC & ENTERTAINMENT LEARNING EXPERIENCE
OCCUPATIONAL & ENVIRONMENTAL SAFETY MANAGEMENT
REFRIGERATION & AIR CONDITIONING TECHNOLOGY
SHEET METAL & PLASTICS TECHNOLOGY
WELDING TECHNOLOGY

LIBERAL ARTS

LIBERAL ARTS DEPARTMENTS
HUMANITIES
KULANA HAWAI'I (HAWAIIAN PROGRAMS)
LANGUAGE ARTS
MATHEMATICS
NATURAL SCIENCES
SOCIAL SCIENCES
LIBERAL ARTS DEGREE PROGRAMS
HAWAIIAN STUDIES (HWST) AA
NATURAL SCIENCE (NS) AS
LIBERAL ARTS ACADEMIC SUBJECT CERTIFICATES
ASIAN STUDIES (ASAN) ASC
COMMUNICATION (COM) ASC
ENTREPRENEURSHIP
MARINE OPTION PROGRAM (MOP) ASC
PSYCHOLOGY (PSY) ASC
SUSTAINABILITY (SUSI) ASC

CAREER & TECHNICAL EDUCATION PROGRAMS

Honolulu Community College ensures that the academic enterprise ties back to the college's mission, ensuring open, equitable access to a high-quality education for all residents of Hawai'i. Although each program has its own program mission, each one contributes closely to the overall mission of the college.

The Honolulu Community College mission states:

Honolulu Community College provides accessible educational opportunities through an engaging learning environment that values academic excellence and personal growth of all students, with a kuleana to Native Hawaiian and our community, through career, liberal arts, technology, transfer, and professional training programs.

CTE Statement of Philosophy

Honolulu Community College believes in unlimited human potential. The General Education component in all programs is a part of the process that supports individuals by encouraging development in thought, communication, ethical deliberation, creativity, feeling, empathy, adaptability, and awareness by providing foundation skills necessary for successful living in a ever-changing, global environment. In addition, General Education is a key to solving the problems of surviving and thriving for individuals, communities and nations because it provides a common basis of understanding that fosters collaboration and helps create a human community. The Honolulu Community College General Education curriculum has comprehensive learning outcomes and ensures that students are able to meet those outcomes. These outcomes include the development of:

- a) Understanding of the basic content and methodology of major areas of knowledge, including humanities and fine arts, natural sciences, and social sciences.
- b) Skills necessary to be a productive individual and lifelong learner, which include oral and written communication, information competency, computer literacy, scientific and quantitative reasoning, critical analysis/logical thinking, and the acquisition of knowledge through a variety of means.
- c) Qualities necessary to be an ethical human being and effective citizen. These include an appreciation of ethical principles, civility and interpersonal skills, respect for cultural diversity, historical and aesthetic sensitivity, and the willingness to assume civic, political and social responsibilities locally, nationally, and globally.



AJ - ADMINISTRATION OF JUSTICE

LIAISON: TBD

WEBSITE: www.honolulu.hawaii.edu/aj

PROGRAM MISSION: The Administration of Justice program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.

PROGRAM DESCRIPTION: This program is designed to prepare the student academically for entry into the Administration of Justice career field; i.e., law enforcement, courts, corrections or private security. Courses are also provided to meet the training needs of the in-service professional.

A student at Honolulu Community College who completes twelve (12) units of Administration of Justice work may receive up to twelve (12) additional units for completing Basic Recruit Training in law enforcement or corrections, as required by governmental agencies:

- *Basic Recruit Training (e.g., Corrections)* graduating with a minimum of 250 hours training – 6 credits.
- *Basic Recruit Training (e.g., DPS - Law Enforcement)* graduating with a minimum of 500 hours training – 9 credits.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the AJ program, students will be able to:

- Use critical observation skills.
- Communicate with a diverse population in a culturally sensitive manner.
- Assess and respond appropriately to potential conflict situations.
- Write clear and accurate reports.
- Maintain a drug free lifestyle.
- Work independently and interdependently to accomplish shared professional outcomes.
- Develop Administration of Justice career plans.
- Practice within the legal/ethical parameters of the Justice profession.

PROGRAM REQUIREMENTS:

Program Prerequisite: *Placement in ENG 100*

First Semester	AAS Credits
<i>AJ 101 - Introduction to Administration of Justice</i>	3
<i>Administration of Justice Elective</i>	6
<i>General Education Requirement *</i>	3
<i>ICS 100 - Computing Literacy and Applications</i>	3
	<hr/> 15
Second Semester	AAS Credits
<i>AJ 138 - Criminal Justice System Reports and Communications</i>	3
<i>AJ 200 - Principles of Hawai'i Justice System</i>	3
<i>Administration of Justice Elective</i>	3
<i>General Education Requirement *</i>	3
<i>Elective **</i>	3
	<hr/> 15
Third Semester	AAS Credits
<i>AJ 221 - Introduction to Criminal Law</i>	3
<i>Administration of Justice Electives</i>	3
<i>General Education Requirement *</i>	3
<i>Electives **</i>	6
	<hr/> 15
Fourth Semester	AAS Credits
<i>AJ 224 - Rules of Evidence</i>	3
<i>Administration of Justice Elective</i>	3
<i>General Education Requirements *</i>	6
<i>Elective **</i>	3
	<hr/> 15
Minimum Credits Required:	60

* A minimum of 15 General Education credits are required. General Education requirements for the AAS degree are listed under *Degrees and Certificates*.

** 12 elective credits must be selected from AJ or General Education courses or courses numbered 100 and above and 3 elective credits may be selected from any courses that are not excluded from the AAS degree. Up to four credits of AJ 193 may be applied to AJ program requirements. (See *Degrees and Certificates* section.)

The following elective is highly recommended for Administration of Justice students: SP 151, Personal and Public Speech.

Cost of Textbooks/Supplies: The cost for textbooks is approximately \$400 per semester.

AERO - AERONAUTICS MAINTENANCE TECHNOLOGY

LIAISON: Mike Willett (808-831-6844, willettm@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/aero

ADDRESS: 140 Iako Place (Honolulu International Airport),
Honolulu, HI 96819/ ph. 808-831-6835

FACULTY: Brian Quinto, Mike Willett

PROGRAM MISSION: The Aeronautics Maintenance and Technology program's mission is to:

- Provide students with the opportunity to gain the documented knowledge and experience to qualify for certification as aircraft mechanics as required by the Code of Federal Regulations (CFR) Title 14 Part 65 and in the manner prescribed by CFR Title 14 Part 147, as approved by the Honolulu Flight Standards District Office.
- Enable students to attain their personal educational goals by becoming highly qualified aviation maintenance technicians, meeting the needs of the aviation industry and thereby promoting safety in aviation.
- Provide specialized training as necessary for prospective aircraft technicians and industry.



PROGRAM DESCRIPTION: The Aeronautics Maintenance Department is an approved aviation maintenance technician training facility operating under Federal Aviation Administration (FAA) Air Agency Certificate No. DI9T087R with Airframe, Powerplant, and combined Airframe and Powerplant ratings. This is the only such school in the Pacific Basin. Students enrolling in the Aeronautics program have three choices as outlined below.

- **CERTIFICATE OF ACHIEVEMENT IN AVIATION MAINTENANCE TECHNICIAN CERTIFICATION PROGRAM:** This program consists of the General Maintenance curriculum, the Airframe Maintenance curriculum, and the Powerplant Maintenance curriculum of which meets the FAR Part 147 requirements of theory and laboratory instruction in four (4) semesters and an additional semester of General Education courses. A Certificate of Achievement will be awarded to students completing the Aviation Maintenance Technician Certification program.
- **ASSOCIATE IN SCIENCE DEGREE IN AERONAUTICS MAINTENANCE TECHNOLOGY** is awarded to students who complete the additional General Education requirements as well as the General, Airframe, and Powerplant Maintenance curricula as outlined under the Certificate program.
- **TRANSFER OPTION TO PREPARE FOR THE COMPLETION OF THE AVIATION SYSTEMS MANAGEMENT DEGREE** in a 4-year program.

Students will not be allowed to enter the Airframe or Powerplant courses without first completing the requirements of the General Maintenance course. Either or both the Airframe and/or Powerplant courses should be completed in order.

Classes will be held daily (Monday through Friday) from 7:00 a.m. to 2:15 p.m.

Successful completion of each FAR Part 147 approved course requires at least a "C" grade in each unit.

As part of the preparation for working in the industry, during the last airframe class, students will be expected to taxi an aircraft and communicate with ground control under the direction of a commercial flight school flight instructor at a flight school of their choice.

Health and physical requirements vary with employers in the aviation maintenance industry. Students with special needs are encouraged to discuss their specific career goals with faculty during advising. Prospective students with military aviation maintenance experience should refer to FAR 65.77 and the Honolulu Flight Standards District Office for possible certification alternatives.

Upon successful completion of the General and either the Airframe or the Powerplant curricula, students are eligible to take the FAA written examination for the appropriate Airframe or Powerplant rating without waiting to complete the program. Upon passing the written exam(s), student are eligible to take the oral and practical examinations for Federal certification as an Aviation Maintenance Technician (Mechanic: Airframe, Powerplant, or A&P as appropriate).

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the AERO program, students will be able to:

- Satisfactorily pass the FAA knowledge, oral, practical and written examinations in General, Airframe, and Powerplant subjects.
- Obtain FAA general mechanic, airframe and powerplant certifications.
- Demonstrate a working knowledge and mechanical ability to inspect, maintain, service and repair aircraft electrical, engine (piston and turbine), airframe structure, flight control, hydraulic, pneumatic, fuel, navigation and instrument systems and other aircraft components specified by FAR Part 147.
- Identify, install, inspect, fabricate and repair aircraft sheet metal and synthetic material structures.
- Maintain and repair any part in any aircraft system of any rotorcraft, light aircraft, air carrier aircraft, glider, or balloon within the regulatory limits imposed by the FAA certification, without error, to ensure the safety of the flying public.
- Display proper behavior reflecting satisfactory work habits and ethics to fulfill program requirements and confidence to prepare for employment.

PROGRAM REQUIREMENTS:

Program Prerequisites: Placement in ENG 100, "C" or higher in MATH 25, OR Placement in MATH 103 *

Recommended Preparation before enrolling in the AERO 130-137 series: ICS 100

First Semester	CA Credits	AS Credits
AERO 130 - General Aircraft Maintenance I	7	7
AERO 131 - Advanced Gen. Aircraft Maintenance II	7	7
	<hr/> 14	<hr/> 14
Second Semester	CA Credits	AS Credits
AERO 132 - Powerplant Maintenance I	7	7
AERO 133 - Airframe Maintenance I	7	7
	<hr/> 14	<hr/> 14
Third Semester	CA Credits	AS Credits
AERO 134 - Powerplant Maintenance II	7	7
AERO 135 - Airframe Maintenance II	7	7
	<hr/> 14	<hr/> 14
Fourth Semester	CA Credits	AS Credits
AERO 136 - Powerplant Maintenance III	7	7
AERO 137 - Airframe Maintenance III	7	7
	<hr/> 14	<hr/> 14
Fifth Semester	CA Credits	AS Credits
ENG 100 - Composition I		3
SP 151 - Personal and Public Speech		3
MATH 103, 135, 140, 241, 242, 243, or 244 (See COURSE DESCRIPTIONS)		3-4
PHYS 100-100L, 151-151L, 170-170L, or 272-272L (See COURSE DESCRIPTIONS)		4-5
General Education Requirement – Social Science **		3
	<hr/> 16-18	<hr/>
Minimum Credits Required:	56	72

- * If the MATH program prerequisite is met by Placement Test scores, students will need to complete MATH 103 or appropriate substitute in order to meet the requirements for the AS degree.
- ** General Education Requirements for the AS program are listed under *DEGREES AND CERTIFICATES*.

Note: Students must meet the minimum proficiency standards in Communication & Computation established by Honolulu CC to qualify for the Certificate of Achievement.

COST OF TEXTBOOKS/SUPPLIES: The cost for textbooks, uniforms, and a required tool kit is approximately \$2000 to \$3500.



APTR - APPLIED TRADES

LIAISON: James Niino (808-845-9245, jniino@hawaii.edu) Except PHNSY
 Guy Shibayama (808-845-9245, guyts@hawaii.edu) Except
 PHNSY
 Cory Kumataka (808-845-9155, cory6@hawaii.edu) PHNSY
 Kristi Teruya (808-847-9804, teruyak@hawaii.edu) NAVFAC

PROGRAM MISSION: The Applied Trades (APTR) program's mission is to provide students who are in state or federally approved apprenticeship programs an opportunity to earn a Certificate of Achievement and/or Associate in Applied Science (AAS) degree.



PROGRAM DESCRIPTION: Any person who has completed or is enrolled in a State of Hawai'i or a Federally approved Apprenticeship Program or an approved Pearl Harbor Naval Shipyard (PHNSY) Cooperative Education Training sequence is eligible for admission to the Honolulu Community College Certificate of Achievement and Associate in Applied Science degrees programs in Applied Trades.

PEARL HARBOR NAVAL SHIPYARD COOPERATIVE EDUCATION TRAINING:

The PHNSY-IMF Apprenticeship Training Program is administered through a contract between Honolulu Community College and the Pearl Harbor Naval Shipyard – Intermediate Maintenance Facility (PHNSY IMF). These guidelines are very specific and must be adhered to in order for the students to be eligible for conversion to career conditional appointments (permanent positions).

The PHNSY Apprenticeship Program incorporates a Learning Community model in which the faculty and Trade Theory instructors collaborate to achieve the Program Learning Outcomes (PLOs) listed below. Cooperative Education enables students to apply classroom/lab experiences to actual work performance.

WEBSITE: www.honolulu.hawaii.edu/aptr

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the APTR Apprentice Training Program, students will be able to:

- Demonstrate communication skills (read critically, write effectively, speak with clarity, and listen actively).
- Use Mathematics (algebra, geometry and trigonometry) to solve work-related problems.
- Demonstrate positive work habits and ethical behavior.
- Demonstrate knowledge of Physics (fluids, mechanical, electrical and thermal).
- Demonstrate drafting and plan reading skills.
- Analyze and evaluate information: Identify factors, analyze implications, and solve problems.
- Use technology effectively (word processing, spreadsheets, software, and equipment).
- Apply knowledge and skills gained in the classroom to perform work duties on the waterfront.

The PHNSY Cooperative Education training sequence includes a minimum of 780 hours of approved PHNSY Trade Theory and General Experience Training (26 credits), Cooperative Education - WORK 194V (10 credits), a minimum of 750 hours of work experience, and 24 credits of general education and technical support courses. PHNSY Trade Theory and General Experience Training are converted to credits upon completion of certification (30 training hours = 1 credit). This curriculum qualifies participants for conversion to career-conditional appointment (full-time permanent employment) and also satisfies the requirements of the Honolulu Community College Associate in Applied Science Degree in Applied Trades.

PROGRAM REQUIREMENTS: PEARL HARBOR NAVAL SHIPYARD (PHNSY)**Program Prerequisites:** Placement in ENG 100; Placement in Math 24/50

Courses	AAS Credits
<i>Apprenticeship Training (PHNSY Training Sequence)</i>	26
<i>IEDD 101 - Basic Drafting and Blueprint Reading</i>	3
<i>MATH 50P - Technical Mathematics</i>	3
<i>MATH 150P - Technical College Mathematics</i>	3
<i>AMST 202 - American Experience: Culture and the Arts</i>	3
<i>ENG 100 - Composition I</i>	3
<i>SP 251 - Principles of Effective Public Speaking</i>	3
<i>PSY 180 - Psychology of Work</i>	3
<i>PHYS 105P - Physics for the Applied Trades</i>	3
<i>WORK 194V - Cooperative Education (Federal Work Cycle)</i>	10-12

Minimum Credits Required	60-62
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* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

Cost of Textbooks/Supplies for PHNSY APTR Program: General education texts average \$25–\$200 each. Supplies average \$25–\$180.

COORDINATOR:

Sharleen Nakamoto Levine - Pearl Harbor Apprenticeship Program, Honolulu Community College

STATE OF HAWAII AND FEDERALLY APPROVED APPRENTICESHIP PROGRAMS (EXCEPT PHNSY):

Persons who have completed all the “work process hours” and “related instruction” necessary for journey worker status in their respective trades will receive up to 45 credits for this training. These credits will apply toward the “Major courses” requirements of the Honolulu Community College Associate in Applied Science degree and Certificate of Achievement in Applied Trades. Credits will be granted for apprenticeship hours as follows:

Five (5) credits will be awarded for each 144–160 hour segment of related classroom instruction.

Seven (7) credits will be awarded for each 2000 hour segment of work process.

A minimum of 15 general education credits which are distributed among specific groups of courses including Communications, Quantitative and Logical Reasoning, and three other course clusters are also required.

Persons completing apprenticeship programs of less than four years in duration will need to take additional recommended courses to meet the minimum 60 credit requirement for this degree.

WEBSITE: www.honolulu.hawaii.edu/apprenticeship

PROGRAM REQUIREMENTS: APPRENTICESHIP (EXCEPT PHNSY)

Courses	CA Credits	AAS Credits
1. Major Courses- Apprenticeship Training (<i>Work Process and Related Instruction</i>)	24-45	24-45
2. General Education *		
a. Communications (3crs.)		
b. Quantitative or Logical Reasoning (3crs.)		
c. Humanities or Fine Arts (3crs.)		
d. Natural Sciences (3crs.)		
e. Social Sciences (3crs.)		
3. Additional Recommended Courses *	0-21	
	24-45	60

* Important: Please see advisor for lists of courses that fulfill these requirements.

ADVISORS: James Niino and Guy Shibayama - Apprenticeship Coordinators, Honolulu Community College

PROGRAM REQUIREMENTS: NAVAL SUPPLY CENTER

CERTIFICATE OF COMPETENCE: The Applied Trades Certificate of Competence was created at the request of the Department of the Navy Human Resources Service Center Pacific, to meet the employment needs in a variety of maintenance-related occupations. The Certificate is ONLY for students who have been hired through Naval Supply Center.

NAVAL SUPPLY CENTER PROGRAM REQUIREMENTS:

Program Prerequisites: *A minimum of 640 hours of supervised work experience*

Courses	CO Credits
OESM 101 - Introduction to Occupational Safety and Health	3
ICS 100 - Computing Literacy and Applications	3
APTR 193V - Cooperative Education	4
Minimum Credits Required	10

INSTRUCTOR: Kristi Teruya- Employment Experiential Learning Coordinator



AEC - ARCHITECTURE, ENGINEERING AND CONSTRUCTION TECHNOLOGIES

LIAISON: Norman Takeya (808-844-2376, ntakeya@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/aec

FACULTY: Guy Fo, Norman Takeya

PROGRAM MISSION: The Architecture, Engineering and Construction Technologies program's mission is to:

- Provide students with state-of-the-art technical training in preparation for architectural, engineering, construction management, or related employment.
- Meet the needs of students with specialized interests and objectives who need or desire similar training.
- Provide students with the general education skills, attitudes, and values for effectively working with others, contributing to the AEC industry, and accepting responsibilities implied in support of a safe and sustainable natural and built environment.



PROGRAM DESCRIPTION: The Architecture, Engineering and Construction Technologies program is designed to prepare students for immediate employment as architectural or engineering drawing technicians, or construction management interns. It also prepares in-service professionals for employment upgrading. Some students also use the program to prepare for employment in building construction, interior design drawing, kitchen and bath design, solar energy planning, construction estimating, land surveying, and various other fields. If you are interested in using the program as a step on the way to a bachelor's degree in architecture or engineering, please see a Honolulu Academic Counselor.

Incoming students choose either an architectural technology track, or a construction management track. More than 70 percent of the courses are shared by the two tracks, either track is appropriate for students who are also interested in engineering technology. 3D printing and scanning and other advanced technology activities are also part of the program.

The program leads to an Associate in Science degree, and there is a shorter Certificate of Achievement available for students with special non-degree objectives. Both degree and certificate students must earn a grade of "C" or higher in all required AEC, MATH & ENG courses.

Students are required to have access to a "newer" desktop or laptop computer running a Windows operating system. Systems running IOS (Apple/Mac) will not be compatible with the program software needs unless the system has the capability of using Windows as an alternate operating system. Students will also be required to have a working camera and microphone for courses that have an online meeting component. A minimum 17-inch screen on laptops to complete assigned drawings and other projects outside of class is highly recommended. 27-inch desktop screens are preferable. Refer to the Autodesk.com website for system/hardware minimum requirements. New students are required to attend an AEC orientation session. There is also a requirement of 20 hours of AEC-related school and community service apart from coursework before completion of the program.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the AEC program, students will be able to:

- Draw objects of various orientations as may be prescribed, draw sections and elevations of objects, and interpret drawings identify the relationships of objects or object features to demonstrate visualization and graphic representation proficiency and knowledge.
- Identify or describe the typical characteristics and uses of common construction materials, products, and systems, assess their sustainability, document them in drawings, and make appropriate selections based on design project requirements.
- Demonstrate either proficiency in designing and creating the construction documents and a materials estimate for a residential or commercial building, or essential skills necessary for responsibly planning, scheduling, and managing a construction project.
- Demonstrate proficiency in the use of the latest 3D computer modeling software, applicable codes, and industry best practices to create, modify, reconcile, or parse architectural or engineering design and construction documents.
- Model habits and attitudes for success in professional employment, prepare and present a professional resume and portfolio, and demonstrate developed interviewing skills in preparation for employment.

- Demonstrate computation, communication, critical thinking, research, and problem-solving skills as well as a sensitivity and appreciation of diversity and community to perform effectively as a team member in a professional, competitive, and diverse work environment and as a responsible member of the community.

RECOMMENDED PREPARATION:

- Recommended high school preparation: CAD Drafting, Geometry, English, Art, Basic Science, and Computer Literacy.
- High School CAD drafting alternative: Equivalent training/office experience
- ENG 100 is a prerequisite (not shown below) for AEC 111, 211, 237, 277 and needs to be satisfied before enrolling in these second and third-semester AEC courses. ENG 209 is a prerequisite (not shown below) for AEC 163 and needs to be satisfied before enrolling in this third semester AEC course.

PROGRAM REQUIREMENTS: *Students may take the following courses in any order that respects course prerequisites and co-requisites.*

Program Prerequisites: Placement in ENG 100

	CA Arch Tech Focus Credits	CA Const Mgmt Focus Credits	AS Arch Tech Focus Credits	AS Const Mgmt Focus Credits
Suggested First Semester				
AEC 101 - Construction Graphics and Conventions	3	3	3	3
AEC 102 - Introduction to CAD Technology	4	4	4	4
AEC 103 - Design Fundamentals Studio I	4		4	
AEC 105 - Introduction to Construction Management		3		3
ENG 100 - Composition I	3	3	3	3
SP 251 - Principles of Effective Public Speaking (Gen Ed - Humanities*)	3	3	3	3
	17	16	17	16
Suggested Second Semester				
AEC 104 - Design Fundamentals Studio II	4		4	
AEC 111 - Introduction to Professional Ethics	1	1	1	1
AEC 118 - Construction Materials	3	3	3	3
AEC 165 - Construction Administration		3		3
AEC 210 - Working Drawings I	4	4	4	4
ENG 209 - Business and Managerial Writing	3	3	3	3
MATH 150 - Technical College Mathematics	3	3	3	3
	18	17	18	17
Suggested Third Semester				
AEC 163 - Construction Law				3
AEC 203 - Design Studio I			4	
AEC 209 - Planning and Scheduling				4
AEC 220 - Working Drawings II			4	4
AEC 237 - Introduction to the Built Environment (Gen. Ed. – Social Sci.)			3	3
AEC 270 - Intro to Immersive Tech or AEC 277 - Land Surveying I (Gen. Ed. - Nat'l Science)			2 or 3	2 or 3
			13 or 14	16 or 17

	CA Arch Tech Focus Credits	CA Const Mgmt Focus Credits	AS Arch Tech Focus Credits	AS Const Mgmt Focus Credits
Suggested Fourth Semester				
AEC 204 - Design Studio II			4	
AEC 211 - Construction Estimating & Bidding			3	3
AEC 260 - Working Drawings III			4	4
AEC 265 - Construction Inspection				3
AEC 277 - Land Surveying I (Gen.Ed. - Nat'l Science) or AEC 270 - Intro to Immersive Tech			3 or 2	3 or 2
			14 or 13	13 or 12
Additional Requirements	CA Arch Tech Focus	CA Const Mgmt Focus	AS Arch Tech Focus	AS Const Mgmt Focus
Minimum Credits Required	35	33	62	62

* General Education and Quantitative/Logical Reasoning Requirements for an AS degree are listed under *DEGREES AND CERTIFICATES*.

Note: For grade requirements, see the Program Description on the previous page.

Note: Students must meet the minimum proficiency standards in communication and computation established for Honolulu CC to qualify for the Certificate of Achievement.

COST OF TEXTBOOKS/SUPPLIES: The total cost of books for all classes over the two-year program is approximately \$1600. If an upgrade of recommended computer workstation is needed, additional costs may be required ranging from \$300-\$3000.



ABRP - AUTO BODY REPAIR AND PAINTING

LIAISON: Bert Shimabukuro (808-842-2575, bertys@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/abrp

FACULTY: Contact: Bert Shimabukuro (842-2575, bertys@hawaii.edu)

PROGRAM MISSION: The mission of the Auto Body Repair Program (ABRP) is to serve the community as a learning-centered, open door program that provides entry level knowledge and technical skills in order to meet the needs of the individual and demands of the Auto Body Industry.



Program Status: There is currently no new intake for ABRP.

PROGRAM DESCRIPTION: The curriculum used for the program is published by the I-CAR Education Foundation and is based on the National Automotive Technicians Education Foundation (NATEF) Auto Body Task List and the National Institute for Automotive Service Excellence (ASE) technician certification standards. Students completing the program will be prepared for employment in the Auto Body Repair and Painting industry and related areas. Classroom and laboratory work is offered in a modern and well-equipped facility. The program is certified by NATEF.

NOTE:

The current AAS degree in the Auto Body Repair Program (ABRP) at Honolulu Community College (HonCC) will be suspended in the Fall of 2016 while a new Certificate of Achievement (CA) is being offered. This new CA is the result of a collaboration with industry leaders and an independent national evaluation (DACCUM-Developing A CURRICULUM and JTA - Job Task Analysis) team. The program's new CA design is intended to meet the goals of the objectives of an extensive research to: 1) Developing a short-term, entry-level training program to meet worker shortage and provide long-term workforce stabilization; 2) Strengthen industry relationships to support student success and career placement; 3) Re-establish Honolulu Community College's Auto Body Repair Program.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the ABRP program, students are prepared to do the following:

- Demonstrate personal and professional health and safety practices required for the Auto Body industry.
- Create positive relationships with customers and co-workers in the work environment that will effectively support the work to be accomplished and promote customer satisfaction.
- Work independently as well as interdependently to demonstrate professionalism and integrity with customers, co-workers, managers and vendors.
- Demonstrate professional work ethics and standards that are expected when working in varied situations in the industry.
- Exercise sound choices and explain reasons when undertaking simple and diverse endeavors.

RECOMMENDED HIGH SCHOOL PREPARATION: Industrial Arts, Mechanical Drawing, Mathematics, Physical Science, Communication Skills—reading and speaking.

PROGRAM REQUIREMENTS:

Program Prerequisite: Respirator use clearance and valid driver's licence

First Semester

ABRP 101 - Foundation to Auto Body Repair
MATH 150 - Technical College Mathematics

CA Credits	AAS Credits
12	12
	3
12	15

Second Semester

ABRP 102 - Intermediate Auto Body Repair
*General Education Requirement - Natural Science **

CA Credits	AAS Credits
12	12
	3-4
12	15-16

Third Semester	CA Credits	AAS Credits
ABRP 103 - Transitioning Class to Industry	4	4
ABRP 73 - Collision Prep & Panel Alignment	4	4
ABRP 75- Door Skin Alignment & Replacement	2	2
ENG 100 - Composition I	3	3
General Education Requirement – Social Science *	3	3
	<hr/> 4	<hr/> 16
Fourth Semester	CA Credits	AAS Credits
ABRP 78 - Collision Damage Analysis	3	3
ABRP 79 - Structural Straightening Techniques	3	3
ABRP 80 - Panel Replacement	6	6
General Education Requirement – Humanities & Fine Arts *	3	3
(Recommended: SP 151 Personal and Public Speech)	<hr/> 0	<hr/> 15
Minimum Credits Required	28	61-62

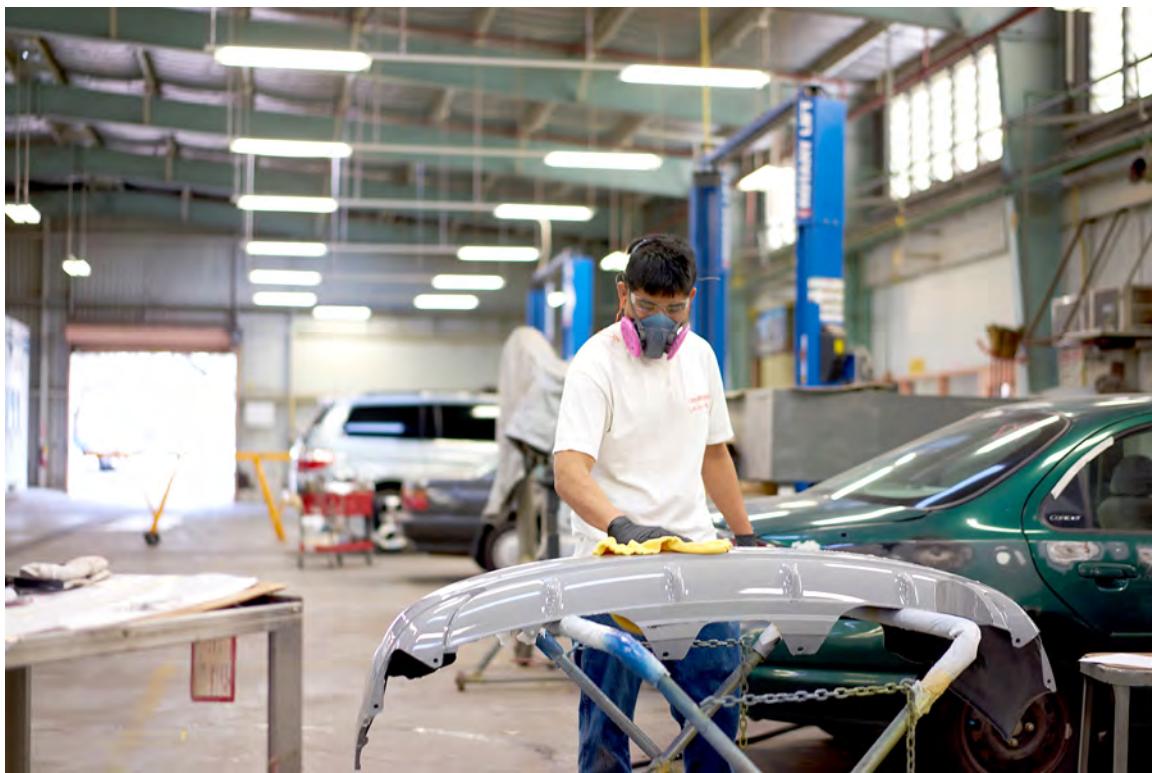
Driver's license must remain valid throughout the time the student is in the program.

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

Note: Students must meet the minimum proficiency standards in communication and computation established by Honolulu CC to qualify for the Certificate of Achievement.

Cost of Textbooks: \$50 I-CAR Student Access + \$100 optional I-CAR end of year test out

Cost of Supplies: \$1000 - \$3000



AMT - AUTOMOTIVE TECHNOLOGY

LIAISON: Ivan Nitta (808-842-2577, ivann@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/amt

ADDRESS: 445 Kokea St., Honolulu, HI 96817 / ph. 808-842-2571

FACULTY: Ivan Nitta, Bert Shimabukuro, Robert Silva

PROGRAM MISSION: The Automotive Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the automotive industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: The Automotive Technology (AMT) program at Honolulu CC is a comprehensive five-semester program that prepares students for employment as automotive technicians. Students completing the program may earn a Certificate of Achievement after one year or an Associate in Applied Science degree upon program completion.

This program is currently master certified by the Automotive Service Excellence Education Foundation (ASEEF) in all eight certification areas: engine repair, automotive transmission and transaxle, manual drive train and axles, suspension and steering, brakes, electrical/electronics systems, heating and air conditioning, and engine performance.

ASEEF is a non-profit organization that evaluates and accredits entry-level automotive technology education programs against standards developed by the automotive service industry.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the AMT program, students will be able to:

- Gain employment in the automotive industry in any of the eight NATEF areas: engine repair, automatic transmission/transaxle, manual drive train and axles, suspension and steering, brakes, electrical/electronics systems, heating and air conditioning, and engine performance.
- Increase their marketability through learning time management and team work skills.
- Gain personal knowledge and experience in vehicle repair.

RECOMMENDED HIGH SCHOOL PREPARATION: Pre-Algebra, Electronics, Chemistry, Physics and Industrial Arts.

PROGRAM REQUIREMENTS:

Program Prerequisites: Placement in ENG 100; "C" or higher in MATH 50, OR Placement into MATH 150 or higher; Valid driver's license¹

	CA Credits	AAS Credits
<i>General Education Requirement – Quantitative or Logical Reasoning *</i>		
MATH 150 - Technical College Mathematics	3	
First Semester		
AMT 121 - Introduction to Automotive Mechanics	2	2
AMT 153 - Brakes	5	5
AMT 155 - Suspension and Steering	5	5
PHYS 100 - Survey of Physics & PHYS 100L - Survey of Physics Lab or PHYS 104 - Physics for Transportation Technology	4	
	<hr/> 12	<hr/> 16
Second Semester		
AMT 130 - Engines	8	8
AMT 140 - Electrical Systems I	4	4
WELD 100 - Welding for Trades and Industry		3
General Education Requirement – Social Science *		3
	<hr/> 12	<hr/> 18

Third Semester	CA Credits	AAS Credits
<i>AMT 146 - Powertrain and Manual Transmissions</i>	5	
<i>AMT 151 - Automatic Transmissions/Transaxles</i>	7	
<i>General Education Requirement ENG 100 *</i>	3	
	<hr/>	<hr/>
	15	
Fourth Semester	CA Credits	AAS Credits
<i>AMT 142 - Electrical Systems II</i>	8	
<i>AMT 143 - Air Conditioning</i>	4	
<i>General Education Requirement *</i>	3	
	<hr/>	<hr/>
	15	
Fifth Semester	CA Credits	AAS Credits
<i>AMT 167 - Engine Performance</i>	12	
<i>AMT 93V - Cooperative Education</i>	1-4	
	<hr/>	<hr/>
	13-16	
Minimum Credits Required	24	80-83

¹ Driver's license must remain valid throughout the time the student is in the program.

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

Note: Students must meet the minimum proficiency standards in communication and computation established by Honolulu CC to qualify for the AAS degree.

PROGRAM GOALS: The competencies that students are expected to achieve in the program are based on the tasks described by ASEEF. Students who successfully complete the program will be prepared with the skills and competencies necessary for a successful career in the automotive industry with emphasis on marketability by receiving training in all eight areas described by ASEEF: engine repair, automatic transmission/transaxle, manual drive train and axles, suspension and steering, brakes, electrical/electronics systems, heating and air conditioning, and engine performance. The program is also structured for individuals exploring automotive as a potential career path, and allows individuals the opportunity to acquire knowledge in theory of operation and experience in vehicle repair for personal gain.

PHYSICAL REQUIREMENTS: The physical requirements of the program include the eye-hand coordination necessary to make precision repairs and to avoid unnecessary material losses and personal injury.

COST OF TEXTBOOKS/SUPPLIES: The cost of tools and supplies for the five-semester program is approximately \$3500.

CARP - CARPENTRY TECHNOLOGY

LIAISON: Dean Crowell (808-845-9124, dcrowell@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/carp

FACULTY: George Boeman, Dean Crowell

PROGRAM MISSION: The Carpentry Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the carpentry industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: Entrance into the carpentry trade is usually obtained through serving a four-year indentured apprenticeship. The Carpentry Department offers a program of instruction which, when successfully completed, provides an excellent background for those desiring to enter the Apprenticeship Program. Industry standards and safety regulations are emphasized.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the CARP program, students will be able to:

- Gain employment in the carpentry industry.
- Practice Quality Workmanship.
- Demonstrate personal and professional health, fitness and safety practices required for the building and construction occupations.
- Interact with customers and coworkers on construction jobs in ways that effectively support the work to be accomplished and promote customer satisfaction.
- Use appropriate materials, tools, equipment and procedures to carry out work on construction projects.

PROGRAM REQUIREMENTS: ASSOCIATE IN APPLIED SCIENCE

Program Prerequisite: Placement in ENG 100, MATH 50, OR Placement into MATH 150 or higher

First Semester	AAS Credits
CARP 20 - Carpentry Basics	3
CARP 26 - Carpentry I	9
CARP 30 - Blueprint Reading for Carpenters	3
MATH 150 - Technical College Mathematics	<u>3</u>
	<u>18</u>
Second Semester	AAS Credits
CARP 22 - Concrete Form Construction	11
ENG 100 - Composition I	3
General Education Requirement *	<u>3</u>
	<u>17</u>
Third Semester	AAS Credits
CARP 41 - Rough Framing & Exterior Finish	11
General Education Requirement *	<u>3</u>
	<u>14</u>
Fourth Semester	AAS Credits
CARP 42 - Finishing	11
General Education Requirement *	<u>3</u>
	<u>14</u>
Minimum Credits Required	63

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

** Students desiring full-time status are required to register for 12 credits.

Recommended course: WELD 100, Welding for Trades and Industry.

PROGRAM REQUIREMENTS: CERTIFICATES OF ACHIEVEMENT

Program Prerequisite: *Placement in ENG 100; MATH 50 OR Placement into MATH 150 or higher*

	CA Concrete Form Construction Credits	CA Framing Credits	CA Finishing Credits
First Semester			
CARP 20- Carpentry Basics	3	3	3
CARP 26 - Carpentry I	9	9	9
CARP 30 - Blueprint Reading for Carpenters	3	3	3
MATH 50 - Technical Mathematics I or MATH 150- Technical College Mathematics	3	3	3
	<hr/> 18	18	18
Second Semester			
CARP 22 - Concrete Form Construction	11		
CARP 41 - Rough Framing & Exterior Finish		11	
CARP 42- Finishing			11
	<hr/> 11	11	11
Minimum Credits Required	<hr/> 29	29	29

Note: Students must meet the minimum proficiency standards in communication and computation established by Honolulu CC to qualify for the Certificate of Achievement.

Cost of Textbooks/Supplies: The cost for tools and textbooks is approximately \$460 for the first year and \$50 for each succeeding year.

CA - COMMUNICATION ARTS

LIAISON: TBD

WEBSITE: www.honolulu.hawaii.edu/ca

FACULTY: TBD

PROGRAM MISSION: The Communication Arts program's mission is to serve the community as a learning-centered program that provides hands-on technical training. The two-year career and technical curricula is for entry level employment or skill upgrading in keeping with the demands of the design, publishing, and printing industries as well as the needs of the individual.



Program Status: There is currently no new intake for CA.

PROGRAM DESCRIPTION: Communication Arts is a graphic design program that integrates art and technology to communicate ideas and information for a wide range of visual communication needs such as: marketing collateral, advertising design, packaging design, and more, for print and digital media needs. The program provides a curriculum of technical and conceptual problem solving skills to encourage innovation, critical thinking and the application of formal design.

The Communication Arts program prepares students for entry level employment in graphic design, advertising design, desktop and on-line publishing, and includes all aspects of the publishing, printing and related services and industries.

To successfully complete the program, students must earn a grade of "C" or higher in all major courses with a "CA" alpha.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the CA program, students will be able to:

- Produce compositions utilizing the various steps of the design process: investigate client needs, do marketing research, define the design problem, problem solve, develop an idea/concept, thumbnails, layouts, comps and presentation art, prepare final art and produce mechanicals when necessary.
- Use tools, equipment and services to implement ideas for production. Techniques to include use of computer hardware, software, and service bureaus.
- Select appropriate software tools to achieve or maintain effective design solutions.
- Follow instructions to produce, modify, or output files according to client/project supplied criteria.
- Produce graphic design formats appropriate for delivery output while demonstrating the ability to meet deadlines, organize time and maintain schedules.
- Work independently as well as part of a team.

PROGRAM REQUIREMENTS:

Program Prerequisites: Placement in ENG 100 ; MATH 24 or Placement in MATH 25 or higher

General Education Requirements: *	AS Credits
CA 100 - Survey of Graphic Styles (Group III)	3
CA 101 - Power of Advertising (Group V)	3
Communications (Group I)	3
Quantitative or Logical Reasoning (Group II)	3
Natural Sciences (Group IV)	3
	<hr/>
	15

First Semester	AS Credits
CA 121 - Art and Media Preparation I	4
CA 122 - Copy Preparation	4
CA 123 - Color Theory and Issues	4
CA 125 - Beginning Graphic Design	4
	<hr/>
	16

Second Semester	AS Credits
CA 131 - Art and Media Preparation II	4
CA 132 - Page Composition	4
CA 135 - Typographic Design	4
General Education Requirements *	<u>6</u>
	<u>18</u>
Third Semester	AS Credits
CA 142 - Page and Web Layout	4
CA 143 - Prepress and Digital Printing	4
CA 145 - Graphic Design	4
General Education Requirements *	<u>6</u>
	<u>18</u>
Fourth Semester	AS Credits
CA 152 - The Business of Advertising	4
CA 155 - Portfolio Presentation and Review	4
Elective: (Choose one of the following)	
• CA 134 - Digital Photography (4)	1-4
• CA 146 - Advertising Design (4)	1-4
• CA 150 - Special Projects (4)	1-4
• CA 193V - Cooperative Education (1-4)	1-4
General Education Requirement *	<u>3</u>
	<u>12-15</u>
Minimum Credits Required	64-67

* General Education requirements for the AS degree are listed under *DEGREES AND CERTIFICATES* and must be numbered 100 or higher.

Cost of Textbooks/Supplies: The estimated cost of the two-year program for required texts and supplies is approximately \$2000.

CSNT - COMPUTING, SECURITY, AND NETWORKING TECHNOLOGY

FORMERLY CENT - COMPUTING, ELECTRONICS, AND NETWORKING TECHNOLOGY

LIAISON: Sally Dunan (808-844-2352, sally.dunan@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/csnt

FACULTY: Sally Dunan, Roger Mitchell, Bradley Ramos

PROGRAM MISSION: The Computing, Security, and Networking Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the Information and Communications Technology (ICT) industry and the needs of the individual. The program is designed to provide the student with a mixture of knowledge and hands-on training with an emphasis on preparing students for entry-level employment in the ICT industry.



PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the CSNT program, students will be able to:

- P1. Apply current industry standards, protocols, and techniques; and keep up with evolving technology to maintain professional proficiency.
- P2. Identify, analyze and improvise solutions to resolve problems using a systematic method.
- P3. Use appropriate industry tools and methodologies to analyze, troubleshoot, and install systems.
- P4. Install, configure, operate, and maintain systems.
- P5. Apply current standards for safety and security.
- P6. Communicate clearly and effectively through written reports and oral presentations.
- P7. Work effectively, independently, and interdependently, in diverse situations involving stress, teams, co-workers, customers, vendors, organizational partners and supervisors.
- P8. Demonstrate professionalism and integrity in supporting the mission of the organization.

PROGRAM ARTICULATIONS: The Honolulu Community College CSNT program has established an articulation with the University of Hawai'i at West O'ahu that provides the option to complete a Bachelor of Applied Science (BAS) in Information Security and Assurance (ISA). Within the BAS in ISA at UH West O'ahu, students may also choose to complete a focus area in CSNT by completing four to six 300-level CSNT courses at HonCC, which can also be used to meet the requirements for an Advanced Professional Certificate in CSNT. Students who complete the Associate of Science degree in CSNT may apply to transfer to UH West O'ahu to complete the BAS in ISA baccalaureate degree program. Students may be concurrently enrolled in the Bachelor of Applied Science program at UH West O'ahu and the CSNT AS or APC program at Honolulu CC. The CSNT program counselor at Honolulu CC and the counselor at UH West O'ahu can provide more detailed information about courses specifically required or recommended for the BAS in ISA.

While we do not have an articulation with UHWO for enrollment in the Bachelor of Science in Cybersecurity, students who are interested in pursuing the Bachelor of Science in Cybersecurity at UHWO may take designated courses recommended to meet the prerequisites for transferring to the BS in Cybersecurity at UHWO.

CYBER DEFENSE EDUCATION VALIDATION: The National Security Agency and a committee of academic peers has validated the Associate of Science in Computing, Security, and Networking Technology program of study as meeting the nationally established criteria for Cyber Defense education through academic year 2027.

ASSOCIATE IN SCIENCE DEGREE: The Associate in Science (AS) Degree in the Computing, Security, and Networking Technology program is a two year course of study that prepares the student for entry-level employment in the field of Information and Communications Technology. Core courses are designed to give students a firm foundation in the basics of computers, networking, system administration and information security. The AS Degree also provides options for a Certificate of Achievement in Networking and Telecommunications, and a Certificate of Achievement in Information Security and Assurance.

Elective courses allow students to further specialize in a field of study. Students will have the opportunity to participate in an internship or cooperative education experience before completing the program. Certain CSNT courses also help to prepare the student to take the following Information and Communications

Technology industry certification exams: COMPTIA A+, Cisco Certified Network Associate (CCNA), Microsoft Certified Azure Fundamentals, COMPTIA Security+, LPI Linux Essentials, COMPTIA Linux+, and VMware Certified Professional. The CSNT program is a Cisco Academy, a CompTIA Academy, a Microsoft Academy, and a VMware Academy.

PROGRAM REQUIREMENTS: ASSOCIATE IN SCIENCE DEGREE

Program Prerequisites: *Placement in ENG 100; Placement in MATH 103 or MATH 135 or Higher*

Recommended Prep: *ICS 100 or ICS 101 or comparable experience using office applications*

	Suggested Semester *	AS Credits
	1	2
General Education Requirements **		
Communications (CTE Group I and FW): ** <i>ENG 100 - Composition I</i>	✓	3
Quantitative Reasoning (CTE Group II and FQ): ** <i>AS or BAS:</i> <i>MATH 103 - College Algebra</i> <i>or MATH 115 - Introduction to Statistics and Probability *** (see footnote)</i> <i>or MATH 135 - Precalculus: Elementary Functions</i> <i>or Higher</i>	✓	3-4
BS: MATH 140 - Precalculus: Trigonometry and Analytic Geometry *4 <i>or Higher</i>		
Humanities (CTE Group III and FG): ** <i>AS: Any course numbered 100 or above designated to meet Humanities and Fine Arts requirement for the AS. (CTE Group III)</i> <i>BAS: HIST 151 World History to 1500 (CTE Group III and FG)</i>	✓	3
Natural Sciences (CTE Group IV and DP/DY): *** <i>AS/BAS: PHYS 105 - Principles of Technology (CTE Group IV and DP/DY) *5</i> <i>or higher</i> <i>BS: PHYS 151 and PHYS 151L (CTE Group IV and DP/DY) *6</i> <i>or higher</i>	✓	4
Social Sciences (CTE Group V and DS): ** <i>AS: Any course numbered 100 or above designated to meet the Social Sciences requirement for the AS.</i> <i>BAS: ECON 130 Principles of Economics I: Microeconomics (3)</i> <i>or ECON 131 Principles of Economics II: Macroeconomics (3)</i>		3

	Suggested Semester *	AS Credits
	1	2
CSNT Core Courses		
CSNT 110- <i>Introduction to Information Systems</i>	✓	3
CSNT 130- <i>ICT Support I</i> *7	✓	3
CSNT 131 - <i>ICT Support II</i> *7	✓	3
CSNT 140A - <i>Computer Networking IA</i> *8	✓	3
CSNT 140B - <i>Computer Networking IB</i> *8	✓	3
CSNT 228 - <i>System Administration & TCP/IP Networking with Unix/Linux</i>		4
CSNT 231 - <i>Telecommunications</i>		3
CSNT 270 - <i>Network Operating Systems I</i>		3
CSNT 275 - <i>Security Essentials</i>		4
CSNT 280 - <i>Database Systems I</i>		3
ICS 111 - <i>Introduction to Computer Science I (using Java)</i>	✓	3-4

Other Program Requirements

ENG 209 - Business and Managerial Writing (Recommended for AS)
or ENG 200 - Composition II

	AS Credits
Program Electives (Complete 6-7 credits from below)	
<i>CSNT 240 - Computer Networking II (3)</i>	
<i>CSNT 253 - Linux System Administration (3)</i>	
<i>CSNT 281 - Introduction to Data Analytics & Machine Learning (3)</i>	
<i>CSNT 282 - Analytics Systems (3)</i>	
<i>CSNT 285 - Introduction to Internet Applications/Web Applications (3)</i>	
<i>CSNT 290V - CSNT Internship</i> <i>or CSNT 293V - Cooperative Education (3) *9</i>	
<i>Any CSNT course numbered 300 or above that is not otherwise used to meet a program requirement (3)</i>	
<i>ICS 211 - Introduction to Computer Science II (using Java) (3)</i>	
<i>A course in C Programming:</i>	
<i>EE 160 Programming for Engineers (4)</i>	
<i>or ICS 212 Programming Structure (3)</i>	
<i>MATH 135 - Precalc: Elementary Functions</i> <i>or MATH 140 - Precalc: Trig/Analytic Geometry if not used to meet another program requirement (3)</i>	

Minimum Credits Required:**60-63**

- * Suggested courses for the first or second semester are designated with a “ ✓ ”. Most CSNT courses have CSNT 140A and CSNT 140B as prerequisite courses. It is important to take these courses early in the program.
- ** General Education Requirements are listed under *DEGREES AND CERTIFICATES* and must be numbered 100 or higher.
- *** MATH 115 may be used to meet the Quantitative Reasoning requirement for AS/BAS students, if the student has placed into MATH 135 or higher or has met the Natural Science requirement.
- *4 MATH 140 or placement into MATH 241 or higher meets the MATH prerequisite for PHYS 151/151L, and is recommended for students who are interested in the BS in Cybersecurity at UHWO.
- *5 Substitutions for PHYS 105 (CTE Group IV and DP/DY) may be approved on a case by case basis.
- *6 PHYS 151 (DP) and PHYS 151L (DY) must be taken concurrently to meet the CTE Group IV and DP/DY requirements. PHYS 151/151L is recommended for students interested in the BS in Cybersecurity at UHWO.
- *7 The CSNT 130 and CSNT 131 course sequence replaces CSNT 132 to meet the core requirement for an ICT Support course.
 - Continuing CSNT students who have successfully completed CSNT 132 do NOT need to take CSNT 130 and CSNT 131.
 - Continuing CSNT students who have NOT yet successfully completed CSNT 132 WILL need to take CSNT 130 and CSNT 131.
- *8 The CSNT 140A and CSNT 140B course sequence replaces CSNT 140 to meet the core requirement for an introductory networking course.
 - Continuing CSNT students who have successfully completed CSNT 140 do NOT need to take CSNT 140A and CSNT 140B.
 - Continuing CSNT students who have NOT yet successfully completed CSNT 132 WILL need to take CSNT 140A and CSNT 140B.
- *9 Under special circumstances, and with prior approval, CSNT 290V/293V may be repeated for up to 8 credits. However, only 3 credits can be applied toward CSNT program requirements.

PROGRAM REQUIREMENTS: CERTIFICATE OF ACHIEVEMENT IN NETWORKING AND TELECOMMUNICATIONS

The courses within this certificate support established industry Networking and IT Support certifications.

Program Prerequisites: Placement in ENG 100; Placement in MATH 103 or MATH 135 or Higher

Recommended Prep: ICS 100 or ICS 101 or comparable experience using office applications

Courses	CA Credits
CSNT 130 - ICT Support I	3
CSNT 131 - ICT Support II	3
CSNT 140A - Computer Networking IA	3
CSNT 140B - Computer Networking IB	3
CSNT 231 - Telecommunications	3
CSNT 240 - Computer Networking II	3
CSNT 270 - Network Operating Systems I	3
CSNT 275 - Security Essentials	4
CSNT 228 - System Administration & TCP/IP Networking with Unix/Linux or CSNT 253 - System Administration with Unix/Linux I	4

Minimum Credits Required**29**

PROGRAM REQUIREMENTS: CERTIFICATE OF ACHIEVEMENT IN INFORMATION SECURITY & ASSURANCE (ISA)

This certificate provides the student with a basic background in Information Assurance. The content of the courses within this certificate is based on Information Assurance industry certification standards.

Program Prerequisites: *Placement in ENG 100; Placement in MATH 103 or MATH 135 or Higher*

Recommended Prep: *ICS 100 or ICS 101 or comparable experience using office applications*

Core Courses	CA Credits
CSNT 110 - Introduction to Information Systems	3
CSNT 140A - Computer Networking IA	3
CSNT 140B - Computer Networking IB	3
CSNT 270 - Network Operating Systems I	3
CSNT 275 - Security Essentials	4
CSNT 228 - System Administration & TCP/IP Networking with Unix/Linux	4

Elective Courses (2 Courses Minimum)	CA Credits
CSNT 231 - Telecommunications (3)	
CSNT 285 - Introduction to Internet Applications/Web Applications (3)	
CSNT 310 - Network Security (3)	
CSNT 330 - Ethical Hacking (3)	
CSNT 375 - Virtualization (3)	
CSNT 377 - Cloud Infrastructure and Services (3)	
A course in C Programming: EE 160 Programming for Engineers (4) or ICS 212 Program Structure (3)	

Minimum Credits Required

26-27

PROGRAM REQUIREMENTS: ADVANCED PROFESSIONAL CERTIFICATE (APC) IN CSNT

The Advanced Professional Certificate in CSNT is designed to provide the student with advanced technical training in the field of Information and Communications Technology (ICT) with a core emphasis on Information Assurance. The student will have the opportunity to pursue advanced industry certifications.

Program Prerequisites:

*Graduation from the Associate of Science Program in CSNT or a Program in Information Technology *that included equivalent course work in Basic Networking (such as CSNT 140 OR CSNT 140A and CSNT 140B), Network Operating Systems (such as CSNT 270), UNIX (such as CSNT 253 or CSNT 228), Introduction to Databases (such as CSNT 280), Introduction to Computer Science (such as ICS 111) and MATH 103 or MATH 115 or MATH 135 or Higher.*

APC Program Core	APC Credits
<i>CSNT 310 - Network Security</i>	3
APC Program Electives (5 Courses Minimum)	APC Credits
<i>CSNT 315 - Network Management (3)</i>	
<i>CSNT 330 - Ethical Hacking (3)</i>	
<i>CSNT 331 - Telecommunications II (3)</i>	
<i>CSNT 336 - Malware Analysis (3)</i>	
<i>CSNT 340 - Enterprise Core Networking (3)</i>	
<i>CSNT 345 - Enterprise Advanced Routing and Services (3)</i>	15
<i>CSNT 375 - Virtualization (3)</i>	
<i>CSNT 377 - Cloud Infrastructure and Services (3)</i>	
<i>CSNT 390 - Special Topics in CSNT (3) **</i>	
<i>CSNT 397 series - Experimental Courses (3) ***</i>	
<i>CSNT 399V - Special Studies (3) *4</i>	

Information Security and Assurance (ISA) courses offered at UHWO *5 including:

- ISA 320 - Fundamentals of Secure Software Programming (3)*
- ISA 330 - Introduction to Proactive System Security (3)*
- ISA 340 - Introduction to Digital Forensics (3)*
- ISA 400 - Management of Information Security (3)*
- ISA 450 - Modern Cyber Conflicts (3)*

Minimum Credits Required	18
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* Please see CSNT counselor for required prerequisites.

** CSNT 390 may be taken twice for a maximum of 6 credits.

*** Two different CSNT 397 course offerings may be taken for a maximum of 6 credits.

*4 Under special circumstances and with prior approval, 3 credits of CSNT 399V may be used as an elective for the APC.

*5 Three different ISA courses may be used as electives for a maximum of 9 credits.

COST OF TEXTBOOKS/SUPPLIES: The cost of equipment and textbooks is between \$1500-\$2500 for the entire program. To work on course assignments at home, students must have reliable Internet access and a computer or laptop that was new within the past 5 years, supports USB3, and has at least 12 GB RAM with at least a 17 inch display. A Windows computer is recommended since most courses in our program use Windows.

COSM - COSMETOLOGY

LIAISON: Jessica Kaniho (808-844-2370, jkaniho@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/cosm

FACULTY: Jessie Aki, Jessica Kaniho, Mahina Hong, Kevin Murata

PROGRAM MISSION: The Cosmetology program's mission is to serve the community as an affordable, student-learning centered program which is committed to the development and delivery of quality education for the hair and beauty industry.

PROGRAM DESCRIPTION: The Cosmetology department offers two Certificates and an Associate in Applied Science degree program. There are two educational pathways in the Cosmetology program: Cosmetology and Cosmetology Instructor Training.

The curriculum is designed to prepare the student for the State Board of Cosmetology Examination.

The Cosmetology program is part of an international member school system known as Pivot Point. Pivot Point developed its own training method to incorporate the use of art, science and math. This type of learning system completely revolutionized education in the hair and beauty industry. The training offers students a high level of understanding in the manipulative skills and theory. The program standards meet the requirements of the Department of Commerce and Consumer Affairs Professional Vocational Licensing and the Department of Health for the licensing examination.

OTHER PROGRAM INFORMATION: Students who enroll in COSM alpha courses must submit one copy of their high school diploma to the records office, and another copy of their high school diploma to the cosmetology department.

A department dress code is required and soft-sole, closed-toe shoes must always be worn in the department for safety and comfort (only a doctor's note will excuse someone from wearing closed toe shoes).

As stated in the Rules and Regulations of the Hawaii State Board of Cosmetology, students who resume their beauty culture courses after a lapse of three years or more shall not receive hours for previous course work.

Requirements of the examination and license

"Effective June 17, 2003 and pursuant to Hawaii Revised Statutes Section 436B-10 and federal law, it is the policy of the State of Hawaii ("State") Board of Barbering and Cosmetology ("Board") that, in addition to meeting the education, experiences, and examination requirements for licensure, an applicant for the Hawaii barber's, cosmetologist's, hairdresser's, esthetician's, nail technician's, or instructor's license is required to be either a United States citizen, a United States national, or an alien authorized to work in the United States. This means that, even if an applicant meets the education, experience, and examination requirements for licensure, that applicant shall not be issued a license if that applicant is not a U.S. citizen, a United States national, or an alien authorized to work in the U.S."

You can view the complete notice at <http://cca.hawaii.gov/pvl/boards/barber>

REQUIREMENTS: Physical dexterity and stamina, communication skills, and interpersonal relationship skills.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the COSM program, students will be able to:

- Conduct services in a safe environment and take measures to prevent the spread of contagious diseases.
- Define and exhibit the basic art principles and elements related to cosmetology.
- Describe and demonstrate the practical skills required to provide appropriate services to meet the needs for a variety of clients and/or students.
- Explain the State of Hawaii laws and rules which govern the cosmetology industry.
- Achieve the preliminary qualifications and requisites to apply for the licensing examination.
- Model professional life skills and express business principles associated with a professional salon environment.



PROGRAM REQUIREMENTS: COSMETOLOGY

Program Prerequisites: High School Diploma or Equivalent; Placement in ENG 100

Recommended Prep: ENG 100 and MATH 100

Other Requirements: Standing in one place for long periods of time, finger dexterity, arm-hand steadiness, visual color discrimination, manual dexterity, oral expression, auditory attention, and speech clarity.

First Semester	CA Credits	AAS Credits
COSM 20 - Elementary Cosmetology Theory	3	3
COSM 21 - Elementary Natural Hair Services	6	6
COSM 22 - Elementary Chemical Hair Services	4	4
COSM 23 - Basic Hair, Skin and Nail Care Skills	2	2
HDFS 296 * - Working with People	3	3
	<hr/> 18	<hr/> 18
Second Semester	CA Credits	AAS Credits
COSM 30 - Intermediate Cosmetology Theory	3	3
COSM 31 - Intermediate Cosmetology Clinic	5	5
COSM 32 - Intermediate Cosmetology Skills	6	6
COSM 33 - Life Skills for Cosmetology	1	1
CHEM 105C * - Cosmetic Chemistry	3	3
	<hr/> 18	<hr/> 18
Third Semester	CA Credits	AAS Credits
COSM 40 - Advanced Cosmetology Theory	3	3
COSM 41 - Advanced Cosmetology Clinic	5	5
COSM 42 - Advance Cosmetology Skills	6	6
COSM 43 - Salon Management Theory or COSM 93V - Cooperative Education	1	1
PHIL 101* - Introduction to Philosophy: Morals and Society	3	3
	<hr/> 18	<hr/> 18
Fourth Semester ***	CA Credits	AAS Credits
General Education Requirements **	<hr/> <hr/> 6	<hr/> <hr/> 6
	<hr/> <hr/> <hr/> 54	<hr/> <hr/> <hr/> 60

Minimum Credits Required (See Note)

- * HDFS 296 is taken concurrently with COSM 20, 21, 22, 23; CHEM 105C is taken concurrently with COSM 30, 31, 32, 33; PHIL 101 is taken concurrently with COSM 40, 41, 42, 43
- ** General Education Requirements for the AAS degree are listed under DEGREES AND CERTIFICATES.
- *** Students with fewer than 1800 hours of Cosmetology must also take COSM 50V to accumulate required hours during the 4th term. COSM 50V is not eligible for federal financial aid.

Note: Students must meet the minimum proficiency standards in communication and computation established by Honolulu CC to qualify for the Certificate of Achievement. To successfully graduate from the program students must:

- (1) Earn a grade of "C" or higher in all major courses with a COSM alpha.
- (2) Clock a minimum of 1800 hours in the required areas for either the Certificate of Achievement or the Associate in Applied Science degree.
- (3) Clock a minimum of 600 hours in the Cosmetology Instructor Training for the Certificate of Competence in Cosmetology Instructor Training.

As stated in the Rules and Regulations of the Board of Cosmetology, students who resume their beauty culture courses after a lapse of three years or more shall not receive hours for previous course work.

COSMETOLOGY INSTRUCTOR TRAINING:

Instructor Training; Students who wish to take the instructor training must have served actively as a licensed cosmetologist for a minimum of one year and the license must be valid upon enrollment. This course of study specializes in the theory and principles of teaching. Students receive a minimum of 600 clock hours in lesson preparation, teaching methods, and practice teaching.

Cost of Textbooks/Supplies: A basic Cosmetology Kit, uniform, and textbooks cost approximately \$2600.

Cosmetology Instructor Training, uniform and textbooks cost approximately \$700.



DISL - DIESEL MECHANICS TECHNOLOGY

LIAISON: Bobby Salvatierra (808-842-2541, bs33@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/disl

ADDRESS: 445 Kokea St., Honolulu HI 96817

FACULTY: Bobby Salvatierra

PROGRAM MISSION: The Diesel Mechanics Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the diesel mechanics industry and the needs of the individual exploration.



PROGRAM DESCRIPTION: The program is designed to provide students with knowledge of heavy duty truck engines and chassis components and to develop student proficiency in the repair and maintenance of heavy duty truck equipment.

The Diesel program is currently certified in the Master Status from Automotive Service Excellence Education Foundation (ASEEF). ASEEF is a non-profit organization that evaluates and accredits entry-level automotive technology education programs against standards developed by the automotive service industry. It also develops career-readiness education for students which fuse local partnerships, rigorous standard-based education, workplace experience, and mentorship together.

Admission is every other Fall semester.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the DISL program, students will be able to:

- Function safely in a heavy equipment shop environment.
- Demonstrate ability to communicate effectively to gather and convey information.
- Apply theory and principles for proper diagnosis, repair, and maintenance in the heavy-duty truck equipment industry.
- Practice the minimum essential mental, physical, and behavioral skills necessary to maintain professional proficiency.
- Work collaboratively with others as well as independently.

PROGRAM REQUIREMENTS:

Program Prerequisites: Placement in ENG 100; MATH 50 OR Placement into MATH 150 or higher

First Semester	CA Credits	AAS Credits
<i>DISL 20 - Technical Practices</i>	2	2
<i>DISL 24 - Operator Orientation</i>	2	2
<i>DISL 22 - R&R Components</i>	3	3
<i>DISL 27 - Preventative Maintenance</i>	5	5
<i>WELD 100 - Welding for Trades and Industry</i>	3	3
<i>MATH 150 - Technical College Mathematics</i>		3
	15	18

Second Semester	CA Credits	AAS Credits
<i>DISL 36 - Suspension and Steering</i>	5	5
<i>DISL 34 - Brakes—Air and Hydraulic</i>	5	5
<i>DISL 56 - Hydraulics</i>	2	2
<i>ENG 100 - Expository Writing</i>		3
	12	15

Third Semester	CA Credits	AAS Credits
<i>DISL 41 - Diesel Engines</i>		8
<i>DISL 31 - Drive Train</i>		4
<i>PHYS 100 - Survey of Physics & PHYS 100L Survey of Physics Lab</i>		4
<i>or PHYS 104 - Physics for Transportation Technology</i>		
	16	

Fourth Semester	CA Credits	AAS Credits
<i>DISL 52 - Electrical/Electronic Systems</i>	8	
<i>DISL 61 - Heating, Ventilation, and Air Conditioning</i>	4	
<i>General Education Requirement *</i>	3	
<i>General Education Requirement *</i>	3	
	<hr/>	<hr/>
	18	
Minimum Credits Required	27	67

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*

COST OF TEXTBOOKS/SUPPLIES: The cost for textbooks will range between approximately \$300 and \$660 and is dependent on the format purchased (digital, print, or both). Required hand tools will cost approximately \$3000.



ECED - EARLY CHILDHOOD EDUCATION

LIAISON: Caroline Soga (808-845-9289, caroline.soga@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/ece

FACULTY: Ann Abeshima, Leilani Au, Elizabeth Hartline, Eva Moravcik, Cyndi Uyehara

PROGRAM MISSION: The Early Childhood Education program mission is to:

- Provide training and education programs for the development of competent and nurturing caregivers and teachers for all Hawai'i's young children and their families.
- Provide quality education and care services for the children of students, faculty and staff in the Community Colleges. These services will represent the best of current practices and will serve as a practicum for programs related to early childhood education as well as providing demonstration of quality education and care for the larger community.



PROGRAM DESCRIPTION: The Early Childhood Education program prepares students for work in a variety of positions working with young children and with their families. The certificates and degree offered are designed to allow students to meet requirements for various levels of entry into the early childhood field and articulate with UH Mānoa and UH West O'ahu's programs.

PROGRAM LEARNING OUTCOMES (PLOs): The underlying foundation for these outcomes is of knowledge of child development and of the multiple interacting factors that influence growth and learning. Through the program, the themes of development, families, communication, diversity and inclusion are addressed. Upon successful completion of the ECED program, students will be able to:

- Use knowledge of child development and of individual children to create healthy, challenging learning environments and experiences.
- Build respectful partnerships with children, families and their communities.
- Observe, document and assess all children's development and learning in partnership with families.
- Build positive relationships and guide all children through supportive interactions.
- Use content knowledge and appropriate pedagogy to create/design, implement and assess learning experiences.
- Use reflective practice to demonstrate professionalism.

ASSOCIATE IN SCIENCE DEGREE PROGRAM: The Associate in Science (AS) degree program prepares students for immediate employment as teachers in private early childhood programs. There are two options for the AS degree program. The Early Childhood Education - Preschool Option prepares students for immediate employment as teachers in private early childhood programs for children ages 2-6 year old. The Early Childhood Education - Infant/Toddler Option prepares students for immediate employment as infant/toddler caregivers in private early childhood programs for children from birth to 3 years old. This is the only Infant/Toddler specialization degree offered in the State of Hawai'i. The course of study leading to the AS degree is developmentally based and emphasizes observation and opportunities to participate in programs with children through class assignments and field experiences, both on campus and in the community. The program provides candidates with varied opportunities to develop their skills for working with children and families and with a general understanding of the field of early education and care. Students who successfully complete this degree may transfer to the Early Childhood Concentration in the Social Sciences Program at the University of Hawai'i-West O'ahu. The AS degree in Early Childhood Education meets all requirements of that program for lower division course work.

To complete the degree, students must demonstrate proficiency at the English 100 and Math 100 levels. To successfully complete the program, students must earn a grade of "C" or higher in all courses with an ECED alpha.

CERTIFICATE OF COMPETENCE INITIAL EARLY CHILDHOOD EDUCATION: The Certificate of Competence for Initial Early Childhood Education is obtained by completing three courses, ECED 105, ECED 110, and ECED 131, which meet the formal training requirement of the national Child Development Associate (CDA) credential. Students must earn a grade of "C" or higher in all courses with an ECED alpha.

CERTIFICATE OF COMPETENCE FOR AN EARLY CHILDHOOD EDUCATION PRACTITIONER I: The Certificate of Competence for an Early Childhood Education Practitioner I requires a 16-credit sequence designed to give the candidate the most basic skills needed to work with children from infancy through eight years of age. This certificate

also meets the ECE/CD coursework requirements of the Department of Human Services (DHS) for teachers and lead caregivers who hold an Associate's or Bachelor's degree in a field other than early childhood. Students must earn a grade of "C" or higher in all courses with an ECED alpha.

CERTIFICATE OF COMPETENCE FOR AN INFANT-TODDLER CAREGIVER: The Certificate of Competence for an Infant-Toddler Caregiver requires a 21-credit sequence designed to meet the Department of Human Services (DHS) requirements for both coursework and work experience to become an Infant-Toddler Caregiver. Students must earn a grade of "C" or higher in all courses with an ECED alpha.

CERTIFICATE OF ACHIEVEMENT IN EARLY CHILDHOOD EDUCATION-PRESCHOOL: The Certificate of Achievement-Preschool is obtained by completing 32 credits of core courses in Early Childhood Education. Students must earn a "C" or higher in all courses with an ECED alpha.

WORKPLACE REQUIREMENTS IN EARLY CHILDHOOD EDUCATION AND CARE SETTING: Current TB clearance and medical clearance (within the last 12 months), and a criminal history record check are a workplace requirement in early education and care settings and must be complete for practicum placements. The cost of the criminal history record check; currently \$13.25, is the responsibility of the student.

PROGRAM REQUIREMENTS: CERTIFICATE OF COMPETENCE INITIAL EARLY CHILDHOOD EDUCATION (CO-IECE), CERTIFICATE OF COMPETENCE EARLY CHILDHOOD EDUCATION PRACTITIONER I (CO-ECEPI), CERTIFICATE OF COMPETENCE INFANT-TODDLER CAREGIVER (CO-ECIT), AND CERTIFICATE OF ACHIEVEMENT IN EARLY CHILDHOOD EDUCATION-PRESCHOOL (CA)

Program Prerequisites: Placement in ENG 100

Other Requirements: To obtain a CO-IECE, CO-ECEPI, CO-ECIT, or CA, students must earn a "C" or higher in all courses with an ECED alpha

	CO-IECE	CO-ECEPI	CO-ECIT	CA
First Semester				
ECED 105 - Introduction to Early Childhood Education	3	3		3
ECED 110 - Developmentally Appropriate Practices	3	3	3	3
ECED 131 - Early Childhood Development: Theory into Practice	3	3	3	3
ECED 170 - Introduction to Working with Infants and Toddlers			3	
	9	9	9	9
Second Semester				
ECED 140 - Guiding Young Children in Group Settings	3	3		3
ECED 151F - Field-Based Practicum in Early Childhood	3	3	3	3
ECED 151S - Field-Based Practicum in Early Childhood Seminar	1	1	1	1
ECED 115 - Health, Safety and Nutrition for the Young Child				3
ECED 264 - Inquiry and Physical Curriculum				3
	7	7	7	13
Third Semester				
ECED 245 - Child, Family, and Community				3
ECED 263 - Language and Creative Expression Curriculum				3
ECED 296C - Preschool Laboratory: Field Experience in Early Childhood Education II				2
ECED 296P - Preschool Seminar: Field Experience in Early Childhood Education II				2
ECED 296A - Infant and Toddler Seminar: Field Experience, Environments and Relationships in Early Childhood Education II			3	
ECED 296I - Infant and Toddler Laboratory: Field Experience in Early Childhood Education II			2	
	5	5	10	
Minimum Credits Required:	9	16	21	32

PROGRAM REQUIREMENTS: ASSOCIATE IN EARLY CHILDHOOD EDUCATION - INFANT AND TODDLER OPTION (AS-IT) AND ASSOCIATE IN EARLY CHILDHOOD EDUCATION - PRESCHOOL OPTION (AS-PS)

Program Prerequisites: Placement in ENG 100

Other Requirements: To obtain an AS-IT or AS-PS, students must earn a "C" or higher in all courses with an ECED alpha, and demonstrate proficiency at the ENG 100 and Math 100 levels or higher

	AS-IT	AS-PS
First Semester		
ECED 105 - Introduction to Early Childhood Education	3	3
ECED 110 - Developmentally Appropriate Practices	3	3
ECED 131 - Early Childhood Development: Theory into Practice	3	3
ENG 100 - Composition I	3	3
Quantitative/Logical Reasoning *	3	3
	<hr/> 15	<hr/> 15
Second Semester		
ECED 115 - Health, Safety and Nutrition for the Young Child	3	3
ECED 140 - Guiding Young Children in Group Settings	3	3
ECED 170 - Introduction to Working with Infants and Toddlers	3	3
ENG 200 ** - Composition II	3	3
ECED Elective ***		3
Cultural Elective ****	3	3
	<hr/> 15	<hr/> 15
Third Semester		
ECED 151F - Field-Based Practicum in Early Childhood	3	3
ECED 151S - Field-Based Practicum in Early Childhood Seminar	1	1
ECED 245 - Child, Family, and Community	3	3
ECED 263 ***** - Language and Creative Expression Curriculum	3	3
Humanities and Fine Arts *	3	3
SP 151/251 - Personal and Public Speech/Principles of Effective Public Speaking	3	3
	<hr/> 16	<hr/> 16
Fourth Semester		
ECED 264 ***** - Inquiry and Physical Curriculum		3
ECED 296A - Infant-Toddler Seminar: Field Experience, Environments, and Relationships in Early Childhood Education II	3	
ECED 296C - Preschool Laboratory: Field Experience in Early Childhood Education II		2
ECED 296L - Infant-Toddler Lab: Field Experience in Early Childhood Education II	2	
ECED 296P - Preschool Seminar: Field Experience in Early Childhood Education II		2
ECED Elective ***	3	
Humanities and Fine Arts *	3	3
Natural Sciences *	3	3
Social Sciences *	3	3
	<hr/> 17	<hr/> 16
Minimum Credits Required:	63	62

* General Education Requirements for the AS degree are listed under *DEGREES AND CERTIFICATES* and must be numbered 100 or higher.

** To obtain an AS degree student must complete ENG 200 or higher. ENG 200 is strongly recommended.

*** To obtain an AS degree students must complete 3 credits from the following ECED electives: ECED 152, ECED 265, or ECED 275; AS-PS students may take ECED 170 and AS-IT students may take ECED 263 or ECED 264 as long as it is not already used to satisfy another requirement.

**** Select one course from the following that is not already used to satisfy another requirement: ECED 158, ECED 265, or HWST 107

***** AS-IT students may take either ECED 263 or ECED 264

PRIOR LEARNING CREDIT (PLC): The Early Childhood Education (ECE) Program recognizes that learning takes place in a variety of environments, not just in a college classroom. Work experience, professional development, volunteer training, and community involvement in the ECE field, for example, may be considered college-equivalent learning. The ECE program has created several options for Prior Learning Credit for students to demonstrate relevant knowledge and skills and request for credit in lieu of completing coursework.

Students with a current Child Development Associate (CDA), awarded by the Council for Professional Recognition, may apply for credits for ECED 105, ECED 110, ECED 151F, and ECED 151S by submitting an official CDA certificate to the ECED academic counselor.

Credit by Examination is available for ECED 105, ECED 110, and ECED 131. Eligible students who learned the course content through previous training or experience, but did not receive college credit for the course may apply for credit by examination by contacting the ECE Program Coordinator.

A Portfolio-Based Assessment (PBA) is a type of Prior Learning Credit where students prepare a portfolio to provide evidence of learning aligned with course learning outcomes. Students will also present their portfolio. The documentation and presentation is reviewed by a committee of ECE experts who determine if the student's documentation and evidence meets the course learning outcomes for the requested course. If the determination is positive, the student receives credits applicable to the requested course. PBA's are available for ECED 115 and ECED 245.

PACE (PROFESSIONAL AND CAREER EDUCATION FOR EARLY CHILDHOOD): The Early Childhood option includes a non-credit program, PACE (Professional and Career Education for Early Childhood). PACE Workshops are geared to meet training and enrichment needs of early childhood practitioners statewide. Four core introductory courses (ECED 105, ECED 110, ECED 131 & ECED 140) and two electives (ECED 152 and ECED 170) from Honolulu CC's Early Childhood Education program are offered in a non-credit workshop format of sixteen 3-hour workshop sessions. The workshops can be taken in any order. Participants who complete all sixteen workshops in a course and with a score of 70% or better on the capstone assignment and assessment, are eligible for Community College credit. These workshops may be used for CDA teacher training hours, DHS training hours, and when converted to credit may be used towards the Associate Degree in ECE.

Courses:

- ECED 105 Introduction to Early Childhood Education
- ECED 110 Developmentally Appropriate Practices
- ECED 131 Early Childhood Development
- ECED 140 Guiding Young Children in Group Settings
- ECED 152 Early Literacy Development
- ECED 170 Introduction to Working with Infants and Toddlers

Students who have completed certain WestEd or Infant/Toddler Series 3 workshops through PATCH (People Attentive to Children) may apply for credits for PACE ECED 170 workshops by submitting official certificates to the PACE coordinator.

PACE workshops are offered in various places on O'ahu, on Zoom (synchronous) and Laulima (ECED 170 is available asynchronously). For information on program, schedules, registration and costs, call PACE at 845-9496, email pacehon@hawaii.edu, or visit our PACE website at www.honolulu.hawaii.edu/pace.

COST OF TEXTBOOKS/SUPPLIES: The estimated cost of textbooks and supplies is \$500.00.

EIMT - ELECTRICAL INSTALLATION AND MAINTENANCE TECHNOLOGY

LIAISON: Louis Maghanoy III (808-845-9476, louismag@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/eimt

FACULTY: Louis Maghanoy III

PROGRAM MISSION: The Electrical Installation & Maintenance Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the electrical industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: The curriculum is designed to prepare students with entry level knowledge and manipulative skills for employment in the electrical industry. The program combines theory with laboratory activities as an effective means of developing the skills essential to the electrical trade. The student begins with the fundamentals of electricity and wiring of simple circuits, then progresses to residential interior wiring, three phase alternating current power, and wiring of more complex circuits and equipment. Safety is stressed as an integral part of each shop task. Emphasis is placed on wiring in accordance with the provisions contained in the National Electrical Code.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the EIMT program, students will be able to:

- Work independently and inter-dependently on a construction and/or maintenance project meeting industry standards.
- Comply with published electrical codes and safety standards.
- Select and order appropriate electrical parts (materials) based on blueprints and drawings.
- Calculate electrical circuit loads and design/draw the electrical circuits.
- Install electrical systems/equipment in new construction under supervision of a journey person.
- Troubleshoot, repair, and conduct routine maintenance of electrical systems/equipment.

PROGRAM REQUIREMENTS:

Program Prerequisites: MATH 50 OR Placement into MATH 150 higher

First Semester	CA Credits	AAS Credits
EIMT 30 - Electrical Installation Theory I	4	4
EIMT 32 - Electrical Installation I	6	6
IEDB 100 - Blueprint Reading	3	3
MATH 150 - Technical College Mathematics		3
	13	16
Second Semester	CA Credits	AAS Credits
EIMT 44 - AC/DC Systems and Equipment	4	4
EIMT 46 - Electrical Maintenance and Repair	6	6
COMMUNICATION (Recommended: ENG 100)		3
PHYS 103 - Physics for Electrical Technology	4	4
	14	17
Third Semester	CA Credits	AAS Credits
EIMT 50 - Solid State Control	4	4
EIMT 52 - Solid State Control Lab	6	6
General Education Requirements *		6
	10	16

Fourth Semester	CA Credits	AAS Credits
EIMT 40 - Electrical Installation Theory II	4	4
EIMT 42 - Electrical Installation II	6	6
General Education Requirement *		3
	10	13
Minimum Credits Required	47	62

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

Note: Students must meet the minimum proficiency standards in communication established by Honolulu CC to qualify for the Certificate of Achievement.

Cost of Textbooks/Supplies: The cost for textbooks is approximately \$350. Required hand tools cost approximately \$300.



FT - FASHION TECHNOLOGY

LIAISON: TBD

WEBSITE: www.honolulu.hawaii.edu/ft

FACULTY: TBD

PROGRAM MISSION: The Fashion Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the fashion industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: The curriculum is designed to provide competency for a wide range of occupations in the fashion industry. Theoretical knowledge and practical skills are applied in clothing construction, industrial sewing, flat patternmaking, designing, textiles, fashion sketching, grading, marking and cutting, and computerized grading and marking. Internship or cooperative education experiences are available to interested students. This broad background enables students to select various occupations such as designer, patternmaker, cutter, or custom dressmaker.

The program offers an Associate degree, and Certificates of Achievement and Competence. Faculty members assist students in selecting the courses related to their talents and interest.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the FT program, students will be able to:

- Apply knowledge of materials, construction techniques, and quality product manufacturing.
- Identify fashion trends, create professional sketches for presentations, and conduct consumer research with appropriate industry terminology.
- Drape, draft or manipulate flat patterns to create saleable designs with fabrics and notions suitable to the garment.
- Discuss current issues in the apparel industries, including social and ethical consequences.
- Employ critical thinking, creativity, and technical skill mastery to prepare all pre-employment qualifications required for any emerging professional.

PROGRAM REQUIREMENTS:

First Semester

	CA Credits	AAS Credits
FT 111 - Art and Design in Fashion	3	3
FT 205 - Basic Apparel Construction	4	4
FT 215 - Block Pattern Design I	3	3
FT 216 - Fashion Illustration *	3	3
ENG 100 - Composition I		3
	13	16

Second Semester

	CA Credits	AAS Credits
FT 125 - Fashion Show Production	3	3
FT 217 - Block Pattern Design II	3	3
FT 228 - Introduction to Industrial Sewing	3	3
FT 237 - Pattern Grading		3
MATH 100 - Survey of Mathematics or Higher		3
	9	15

Third Semester	CA Credits	AAS Credits
<i>FT 129 - Textile Art</i>	3	3
<i>FT 236 - Draping</i>	3	3
<i>FT 241 - Apparel Draft Design</i>		3
<i>FT 243 - Cutting Room Functions</i>	3	3
<i>FT Electives **</i>		3
	<hr/> 9	<hr/> 15

Fourth Semester	CA Credits	AAS Credits
<i>FT 230 - Creative Line Design - Capstone</i>	3	3
<i>FT Electives **</i>	6	6
<i>FT 200 - Culture, Gender and Appearance *</i>		3
<i>FT 221 - Textiles I *</i>	3	3
	<hr/> 12	<hr/> 15

Minimum Credits Required **43** **61**

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*. 15 credits required.)

** Fashion Technology Electives: A minimum of 9 credits of FT electives are required for the Certificate of Achievement. A minimum of 15 credits of FT electives are required for the Associate in Applied Science Degree. FT electives must be chosen from the following list.

- FT 260 Gerber Computer Aided Design I (3)
- FT 270 Gerber Computer Aided Design II (3)
- FT 289 Men's Fashion Designing (3)
- FT 290B FT Special Topic - Bridal (3)
- FT 290E FT Special Topic - Embellishments (3)
- FT 290K FT Special Topic - Knits (3)
- FT 290S FT Special Topic - Swimwear (3)

PROGRAM REQUIREMENTS: FLAT PATTERNMAKING

Program Prerequisite: *FT 228 or demonstrated ability*

Courses	CO Credits
<i>FT 215 - Block Pattern Design I</i>	3
<i>FT 217 - Block Pattern Design II</i>	3
<i>FT 237 - Pattern Grading</i>	3
	<hr/> 9

PROGRAM REQUIREMENTS: CUTTING ROOM FUNCTIONS

Courses	CO Credits
<i>FT 215 - Block Pattern Design I</i>	3
<i>FT 228 - Introduction to Industrial Sewing</i>	3
<i>FT 243 - Cutting Room Functions</i>	3
	<hr/> 9

PROGRAM REQUIREMENTS: COMPUTERIZED GRADING, MARKING AND PATTERNMAKING

Program Prerequisites: *FT 237 and 243 or demonstrated ability*

Courses	CA Credits
<i>FT 260 - Gerber Computer Aided Design I</i>	3
<i>FT 270 - Gerber Computer Aided Design II</i>	3
	<hr/> 6

Cost of Textbooks/Supplies: The cost for textbooks is approximately \$200-\$500 per semester. The cost of supplies vary depending on projects (\$300-\$500 per semester).

Highly Recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory.

FIRE - FIRE AND ENVIRONMENTAL EMERGENCY RESPONSE

LIAISON: Richard S. Rhode (808-845-9450, rrhode@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/fire

FACULTY: Richard Rhode, Stacy Rogers

PROGRAM MISSION: The Fire and Environmental Emergency Response Program is committed to provide training for individuals in the State of Hawai'i who are interested in developing entry level skills or in-service professional development required for employment in private, city, state, or federal agencies. Due to the workload demands of fire service personnel another goal is to provide opportunities that are flexible and have accessible delivery options including distance education, evening and weekend classes, and accelerated course offerings.



PROGRAM DESCRIPTION: The Fire and Environmental Emergency Response Program courses are provided to meet the needs of the in-service professional as well as students who are not employed by the Fire Service. This Program is designed to prepare students academically for the Fire Service Field, i.e., insurance adjuster, investigator, and safety and building inspector.

Students at Honolulu Community College, who complete 12 credits of Fire and Environmental Emergency Response college credit, may receive up to 26 credits of Fire and Environmental Emergency Response credits for completing Basic Recruitment Training for fire fighting as required by government agencies using Pro Board or IFSAC (International FIRE Service Accreditation Congress) certification. In addition students may be eligible to participate in a cooperative work program that will allow up to a maximum of 6 units of elective Fire and Environmental Emergency Response credits for completion of this program.

An Associate in Applied Science Degree is awarded to students who complete the General Education requirements ** and the 45 units of Fire and Environmental Emergency Response credits. A Certificate of Achievement may be awarded to students who complete 25 hours of the required Fire and Environmental Emergency Response credits.

Health and physical requirements vary with the employers in the Fire and Environmental Emergency Response field so prospective students should seek advice before enrolling.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the FIRE program, students will be able to:

- Apply knowledge and skills required to respond appropriately to fires at the private, city, state, or federal level.
- Apply knowledge and skills required to respond appropriately to medical emergencies at the private, city, state, or federal level.
- Apply knowledge and skills required to respond appropriately to environmental emergencies at the private, city, state, or federal level.

PROGRAM REQUIREMENTS: ASSOCIATE IN APPLIED SCIENCE DEGREE

Program Prerequisites: Placement in ENG 100; MATH 50 OR Placement in MATH 150 or higher

First Semester	AAS Credits
FIRE 100 - Introduction to Fire Protection	3
FIRE 102 - Fundamentals of Fire Prevention	3
General Education Requirements *:	
• MATH 150, or 100, or 103, or 135, or higher	3
• ENG 100- Composition I	3
• CHEM 105- Environmental Chemistry	4
	16

Second Semester	AAS Credits
FIRE 107 - Fire Fighting Tactics and Strategies	3
FIRE 207 - Hazardous Materials Awareness and Operations	3
FIRE 117 - Basic Rescue in The Fire Service	3
General Education Requirement - Social Science**	3
	<hr/>
	12

Third Semester	AAS Credits
FIRE 119B - Emergency Medical Technician	3.5
FIRE 119C - Emergency Medical Technician - Basic	3.5
FIRE 111 - Management in the Fire Service or FIRE 152 - Wildland Fire Control	3
General Education Requirements- Humanity & Fine Arts**	3
	<hr/>
	13

Fourth Semester	AAS Credits
FIRE 280A - Firefighter I	12
FIRE 280B - Firefighter I Lab	8
	<hr/>
	20

Minimum Credits Required **61**

* FIRE 193V Cooperative Education - up to a maximum of 6 units of elective Fire and Environment Emergency Response credits for completion of this program

** General education requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES* and must be 100 level or higher.

PROGRAM REQUIREMENTS: CERTIFICATE OF ACHIEVEMENT IN EMERGENCY MEDICAL RESPONSE *

Program Prerequisites: Placement in ENG 100; Placement in MATH 24/50

First Semester	CA Credits
FIRE 100 - Introduction to Fire Protection	3
FIRE 102 - Fundamentals of Fire Prevention	3
	<hr/>
	6

Second Semester	CA Credits
FIRE 107 - Firefighting Tactics and Strategies	3
FIRE 207 - Hazardous Materials Awareness and Operations	3
FIRE 117 - Basic Rescue in The Fire Service	3
	<hr/>
	10

Third Semester	CA Credits
FIRE 119B - Emergency Medical Technician	3.5
FIRE 119C - Emergency Medical Technician- Basic	3.5
FIRE 111 - Management in Fire Service or FIRE 152 - Wildland Fire Control	3
	<hr/>
	10

Minimum Credits Required **25**

* FIRE 100, 102, and 207 are offered every semester so it's possible for students to take more than 3 courses at a time to complete the Certificate of Achievement within 3 semesters.

** FIRE 280B may be held off island. Students are responsible for airfare, lodging and living expenses.

Note: Students must meet the minimum proficiency standards in communication and computation established by Honolulu CC to qualify for the Certificate of Achievement.

Cost of Textbooks/Supplies: The cost of textbooks is approximately \$100–\$250 per semester. Fees for clothing rental and equipment purchase for 280A, 280B, and 280C could exceed \$1000.

HSER - HUMAN SERVICES

LIAISON: Sharon Ota (808-845-9442, sharonot@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/hser

FACULTY: Elliott Higa, Sharon Ota

PROGRAM MISSION: The Human Services - Program's mission is to prepare individuals for employment as human services workers and to support those who wish to transfer to baccalaureate human services and social work programs.

PROGRAM DESCRIPTION: The Human Services Program is designed for people interested in working as Human Service workers in diverse settings such as group homes, and community mental health centers; family, child, and youth service agencies; and programs concerned with alcoholism, drug abuse, family violence, and aging. Field experience, or practicum, is an important feature of this program in which students have supervised work experiences in a community setting.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the HSER program, students will be able to:

- Work in the field of human services to serve clients or carry out other supportive human service agency functions.
- Obtain information and guidance to transfer to a baccalaureate human services or social work program if desired.

HUMAN SERVICES PRACTICUM: Practicum is supervised work experience related to the student's field of study and approved by the Practicum Coordinator/Instructor. The field experience may be the student's regular job or a volunteer assignment. The practicum is supervised by Honolulu Community College and not by the officials of the field site. Through the Practicum Seminar (HSER 190) the students have weekly or biweekly interaction with their Practicum Coordinator/Instructor. A standard college grading system is utilized. Seventy-five hours of work per semester is required for each credit earned. Course designation for the Human Services Practicum is HSER 191V. Course descriptions are listed in the Course Description section of this catalog.

PROGRAM REQUIREMENTS:

The program offers a Certificate of Competence in Human Services, Certificate of Achievement, and an Associate in Applied Science degree. (See Elliott Higa for Certificate of Competence requirements.)

Program Requirements: *

CO Credits

Choose a minimum of 12 credits from the following course list:

- HDFS 133 - Dynamics of Family Violence (3)
- HDFS 141 - Parenting (3)
- HDFS 230 - Human Development (3)
- HDFS 296 - Working with People (3)
- HSER 121 - Family Dynamics & the Social Work Interview (3)
- HSER 140 - Individual Counseling (3)
- HSER 150 - Group Counseling (3)
- HSER 170 - Substance Abuse Counseling (3)
- KLS 195 - Personal Health and Wellness (3)
- SW 200 - The Field of Social Work (3)

12

Minimum Credits Required

12

* Average of 2.0 GPA or better required.



Program Requirements:	CA Credits	AAS Credits
<i>HDFS 100 - Personal & Professional Development</i>	3	3
<i>HDFS 141 - Parenting</i>	3	3
<i>HDFS 230 - Human Development</i>	3	3
<i>HDFS 296 - Working with People</i>	3	3
<i>HSER 121 - Family Dynamics & the Social Work Interview</i>	3	3
<i>HSER 140 - Individual Counseling</i>	3	3
<i>HSER 190 - Practicum Seminar</i>	1-2	2-3
<i>HSER 191V - Human Services Practicum</i>	3-6	6-9
<i>KLS 195 - Personal Health and Wellness</i>	3	3
<i>SW 200 - The Field of Social Work</i>	3	3
<i>HDFS, HSER, or SW Electives</i>	2-3	1-13
<i>General Education Requirements and Electives *</i>		15-30
Minimum Credits Required	30-31	60

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

COST OF TEXTBOOKS/SUPPLIES: The cost of textbooks is approximately \$300–\$500 per semester for education courses. Students may also expect to spend from \$50-\$75 per semester for additional course materials.



MELE - MUSIC & ENTERTAINMENT LEARNING EXPERIENCE

LIAISON: Eric Lagrimas (808-844-2342, ericbl@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/mele

OFFICE: MELE Program, Building 2-412

STUDIOS: Mike Curb MELE Studio, Building 2-414/415

FACULTY: Eric Lagrimas, Jon Ross

PROGRAM MISSION: To promote the business and profession of music in Hawai'i across the board from song writing and record production to contracts and career management.

PROGRAM DESCRIPTION: MELE - Music & Entertainment Learning Experience - utilizes a comprehensive music business and production curriculum meeting the requirements for entry-level training of music industry and production professionals. The curriculum focuses on combining academic experience with real-world applications to prepare students to work in the rapidly evolving global music industry of the 21st century. The program core offers a rounded curriculum grounding students in the basics of the music industry, sound recording and the business of music.

The MELE program offers two distinct degree paths. The Associate of Science (AS) in Music Business & Production and the Associate of Science (AS) in Audio Engineering Technology which may be earned during a four-semester sequence:

- AS in MELE Music Business & Production: This curriculum focuses on business fundamentals along with specialized courses in the music & entertainment industry. Courses include: record label & music publishing operations, concert & event production, music supervision, and intellectual properties.
- AS in MELE Audio Engineering Technology: This curriculum focuses on the engineering and production of music recording. Audio engineering courses include studio production, audio engineering, and studio maintenance and electronics.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the MELE program, students will be able to:

- Industry Ethics and Standards - understand business, technology, policy and practices in music and entertainment.
- Music Business & Production - identify and compare traditional and modern record label, publishing, marketing, advertising, production, public relations and event company business models.
- Problem Solving - effectively demonstrate technical, business, and production troubleshooting skills to solve problems.
- Career Pathways and Income Streams - understand and identify primary income streams of intellectual property, jobs, projects, entrepreneurial opportunities and partnerships.
- Operation and Procedures - extensive knowledge in operations of music business, recording studios, and live events.
- Production and Planning - conceptualize and apply skills in the area of live events, artist development, public relations and recording studio productions.
- Music Fundamentals - understand and apply modern theory techniques in music, song writing, sequencing, beat creation and traditional methods.
- Recording Technology - proficiently produce, record, edit, mix and master audio for music and entertainment.
- Etiquette and Communication - demonstrate industry professional vocabulary, terminology, articulation, dress and hygiene.
- Science and Technology - thorough understanding of human hearing, sound properties, acoustics, electronics, physics, and audio systems.



PROGRAM REQUIREMENTS: MUSIC BUSINESS & PRODUCTION AS DEGREE**Program Prerequisites:** Placement in ENG 100; "C" or higher in MATH 24, OR Placement in MATH 25 or higher

First Semester	AS Credits
MELE 101 - Survey of Music & Entertainment Business	3
MELE 102 - Survey of Recording Techniques	3
MELE 103 - Introduction to Music Theory & Songwriting	3
ENG 100 - Composition I	3
SP 151 - Personal and Public Speech	3
	<hr/>
	15
Second Semester	AS Credits
MELE 104 - Songwriting Applications in Media	3
MELE 201 - Record Label & Music Publishing Operations	3
MELE 212 - Digital Audio: Theory and Workstations	3
MATH 100 - Survey of Math	3
HIST 151 - World History to 1500 or HIST 152 - World History since 1500	3
	<hr/>
	15
Third Semester	AS Credits
MELE 202 - Public Relations & Media Tools	3
MELE 205 - Concert & Event Production	3
MELE 206 - Music Supervision	3
ECON 130 - Microeconomics or ECON 131 - Macroeconomics	3
Biological Science Course (lecture)	3
Biological Science Course (lab)	1
	<hr/>
	16
Fourth Semester	AS Credits
MELE 203 - Intellectual Properties in the Music & Entertainment Industry	3
MELE 275 - Practicum	4
HWST 107 - Hawai'i: Center of the Pacific	3
ACC 201 - Elementary Accounting I	3
BLAW 200 - Legal Environment of Business	3
	<hr/>
	16
Minimum Credits Required	62

General Education Requirements for the AS degree are listed under *DEGREES AND CERTIFICATES*.**PROGRAM REQUIREMENTS: AUDIO ENGINEERING TECHNOLOGY AS DEGREE****Program Prerequisites:** Placement in ENG 100; "C" or higher in MATH 24, OR Placement in MATH 25 or higher

First Semester	AS Credits
MELE 101 - Survey of Music & Entertainment Business	3
MELE 102 - Survey of Recording Technology	3
MELE 103 - Introduction to Music Theory & Songwriting	3
ENG 100 - Composition I	3
SP 151 - Personal and Public Speech	3
	<hr/>
	15

Second Semester	AS Credits
MELE 212 - Digital Audio: Theory and Workstations	3
MELE 214 - Electronics for Audio Engineers	4
MELE 104 - Songwriting Applications in Media	3
MATH 103 - College Algebra	3
HIST 151 - World History to 1500 or HIST 152 - World History since 1500	3
	<hr/>
	16
Third Semester	AS Credits
MELE 211 - Audio Engineering I	4
MELE 213 - Studio Production	3
MELE 215 - Sound Reinforcement or MELE 216 - Live Audio for Media	4
PHYS 100 - Survey of Physics	3
PHYS 100L - Survey of Physics Lab	1
	<hr/>
	15
Fourth Semester	AS Credits
MELE 220 - Audio Engineering II	4
MELE 222 - Advanced Digital Audio: Theory & Workstations	3
MELE 275 - Practicum	4
JOUR 150 - The Media and Society	3
HWST 107 - Hawai'i: Center of the Pacific	3
	<hr/>
	17
Minimum Credits Required	63

General Education Requirements for the AS degree are listed under *DEGREES AND CERTIFICATES*.

COST OF TEXTBOOKS/SUPPLIES: The cost for textbooks is approximately \$240.



OESM - OCCUPATIONAL AND ENVIRONMENTAL SAFETY MANAGEMENT

LIAISON: Bert Shimabukuro (808-842-2575, bertys@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/oesm

FACULTY: Contact Bert Shimabukuro (808-842-2575, bertys@hawaii.edu)

PROGRAM MISSION: The Occupational & Environmental Safety Management program's mission is to:

- Provide the community with affordable, flexible, and up-to-date training on occupational and environmental safety and health.
- Promote workplace health & safety and environmental protection through education and training.



PROGRAM DESCRIPTION: Occupational and Environmental Safety and Health is a growing field.

- The National Institute for Occupational Safety and Health (NIOSH), Center for Disease Control and Prevention, concluded in its 2011 study that "The national demand for safety and health services will significantly outstrip the number of men and women with the necessary training, education, and expertise to provide such services.". It was estimated that for the following five years, only 12,000 safety and health graduates would enter the job market compared with 25,000 job openings.
- A study by the U.S. Bureau of Labor Statistics reported that employment of safety and health practitioners should increase eight percent during the 2016 – 2026 decade.
- The National Safety Council reported that between 2014 and 2018, at least one quarter of the organizations surveyed had expanded their safety and health departments.

The program provides practical training in occupational and environmental safety and health. The curriculum offers a broad background on safety and health program administration, workplace hazard recognition/evaluation/control, emergency preparedness, workers' compensation principles, hazardous chemical risk assessment, and environmental compliance. Besides an Associate Degree, the program offers a Certificate of Achievement in OESM.

Graduates from the OESM program are qualified to work as occupational safety and health professional and environmental technicians in public and private industries including construction, healthcare, utilities, transportation, environmental management, insurance, education, etc. Job placement opportunities are announced throughout the year.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the OESM program, students will be able to:

- Recognize and evaluate workplace and environmental hazards.
- Recommend control measures and accident prevention strategies.
- Identify and apply appropriate OSHA/HIOSH and EPA regulatory requirements.
- Analyze proximate and root causes of work-related accidents.
- Develop a written accident prevention and safety management program.
- Conduct training and presentations on occupational/environmental safety and health topics.
- Exercise choices, explain reasons for choices, and analyze potential consequences when dealing with ethical dilemmas concerning health and safety professionals.
- Demonstrate necessary knowledge and skills for employment in the field of occupational and environmental safety and health.

PROGRAM REQUIREMENTS:

Program Prerequisites: Placement in ENG 100, "C" or higher in MATH 25 or MATH 75X, OR Placement in MATH 100/103/115

First Semester	CA Credits	AS Credits
<i>OESM 101 - Introduction to Occupational Safety and Health</i>	3	3
<i>OESM 106 - Introduction to Environmental Health</i>	3	3
<i>CHEM 105 - Environmental Chemistry</i>		4
<i>ENG 100 - Composition I</i>		3
<i>BIOL 100 - Human Biology</i>		3
	<hr/> 6	<hr/> 16
Second Semester	CA Credits	AS Credits
<i>OESM 102 - Safety and Health Standards, Codes and Regulations</i>	3	3
<i>OESM 104 - Occupational-Related Diseases</i>	3	3
<i>OESM Electives * (must be numbered 100 or higher)</i>		3
<i>ICS 100 - Computing Literacy and Applications</i> <i>or ICS 101 - Digital Tools for the Information World</i>		3
<i>SP 251 - Principles of Effective Public Speaking</i>		3
	<hr/> 6	<hr/> 15
Third Semester	CA Credits	AS Credits
<i>OESM 105 - Introduction to Industrial Hygiene</i>	3	3
<i>OESM 160 - Labor and Management Safety Partners</i>	3	3
<i>OESM 210 - Safety Program Management</i>	3	3
<i>OESM Electives * (must be numbered 100 or higher)</i>		6
<i>MATH 115 - Introduction to Statistics and Probability</i>		3
	<hr/> 9	<hr/> 18
Fourth Semester	CA Credits	AS Credits
<i>ENG 209 - Business & Managerial Writing</i>		3
<i>OESM 208 - Techniques of Industrial Hygiene</i>	3	3
<i>OESM 193V - Cooperative Education</i>		1
<i>OESM Electives * (must be numbered 100 or higher)</i>		6
<i>PSY 180 - Psychology of Work</i> <i>or HDFS 296 - Working with People</i>		3
	<hr/> 3	<hr/> 16
Minimum Credits Required	24	65

Note: Students must meet the minimum proficiency standards in communication and computation established by Honolulu CC to qualify for the Certificate of Achievement.

COST OF TEXTBOOKS/SUPPLIES: The cost of supplies and textbooks is approximately \$200-\$400 per semester.

RAC - REFRIGERATION AND AIR CONDITIONING TECHNOLOGY

LIAISON: Steven Chow (808-845-9484, sc60@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/rac

FACULTY: Steven Chow, Morris Payes

PROGRAM MISSION: The Refrigeration & Air Conditioning Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: The Refrigeration and Air Conditioning Program prepares students for employment as technicians in the design, operation, service, repair, installation and sales of these systems and equipment. The program combines theory with extensive practical hands-on training designed to simulate the actual work environment and skills needed to excel in this challenging field. Labs afford the student the opportunity to install, repair, and/or operate actual field equipment, such as commercial package and split system A/C; liquid chillers; commercial ice machines; and domestic equipment.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the RAC program, students will be able to:

- Gain employment in the field of refrigeration and air conditioning.
- Demonstrate positive work habits and attitudes.
- Demonstrate knowledge and skills required for the repair and maintenance of air conditioning and refrigeration equipment according to National Standards.

PROGRAM REQUIREMENTS:

Program Prerequisite or Co-requisite: MATH 50 OR Placement into MATH 150 or higher

	CA Credits	AAS Credits
First Semester		
RAC 21 - Basic Refrigeration	12	12
MATH 150 - Technical College Mathematics	3	
	12	15
Second Semester		
RAC 32 - Commercial Refrigeration	12	12
ENG 100 - Composition I Advanced Technical Writing	3	
	12	15
Third Semester		
RAC 40 - Air Conditioning I	12	12
General Education Requirement *	3	
	12	15
Fourth Semester		
RAC 50 - Air Conditioning II	12	12
General Education Requirement * (Recommended: PSY 180 Psychology of Work)	3	
General Education Requirement *	3	
	12	18
Minimum Credits Required	48	63

* General Education Requirements for the AAS degree are listed under DEGREES AND CERTIFICATES.

Note: Students must meet the minimum proficiency standards in communication established by Honolulu CC to qualify for the Certificate of Achievement.

COST OF TEXTBOOKS/SUPPLIES: The cost of textbooks, supplies, meters, and tools is approximately \$800.

SMP - SHEET METAL AND PLASTICS TECHNOLOGY

LIAISON: Bert Shimabukuro (808-842-2575, bertys@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/smp

FACULTY: Contact Bert Shimabukuro (808-842-2575, bertys@hawaii.edu)

PROGRAM MISSION: The Sheet Metal & Plastics Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the sheet metal and plastics industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: This curriculum is designed to qualify students for entry into the field of sheet metal as apprentices. They will develop skills in fabricating air conditioning ducts; architectural metal work; welding and fabricating plastics; and, pattern development.

PROGRAM LEARNING OUTCOMES (PLOs):

Upon successful completion of the SMP program, students will be able to:

- Identify and properly use personal safety equipment.
- Understand the need for safety equipment in the shop and field.
- Show proper use and care of sheet metal hand tools.
- Identify the proper use, care and safety concerns of shop equipment.
- Produce orthographic drawings for items requiring fabrication.
- State the three forms of metal fabrication.
- Produce basic fitting layout using any of the three methods.
- Identify the base rules for order of operation in fabrication.
- Layout, cut, notch, and bend in proper order, various fittings / components using sheet metal and plastic.
- Identify the different gauges of sheet metal, forming methods, and connection processes after lay out.
- Identify and install common fasteners used in sheet metal work.
- Properly mix and apply acids used in soldering.
- Produce soldering joints on galvanized iron.
- Identify Air Conditioner duct work fittings, their uses, connection types, and fabrication methods.
- Explain the use of Short-cut layout methods and when they apply.

PROGRAM REQUIREMENTS:

First Semester	CA Credits	AAS Credits
<i>SMP 20 - Hand Tool and Machine Processes</i>	4	4
<i>SMP 21 - Shop Problems</i>	3	3
<i>SMP 22 - Fabrication Processes (Architectural)</i>	4	4
<i>SMP 23 - Introduction to Surface Development</i>	2	2
<i>MATH 150 - Technical College Mathematics</i>		3
	13	16

Second Semester	CA Credits	AAS Credits
SMP 24 - Advanced Fabrication Processes (Architectural)	4	4
SMP 25 - Air Conditioning Fabrication	4	4
SMP 26 - Pattern Development I	2	2
IEDB 100 - Blueprint Reading	3	3
ENG 100 - Composition I		3
WELD 100 - Welding for Trades and Industry (for Non-majors)	3	3
	<hr/>	<hr/>
	16	19

Third Semester (See Substitution note below)	CA Credits	AAS Credits
SMP 41 - Advanced Air Conditioning Fabrication		4
SMP 43 - Pattern Development II		2
General Education Requirement *		3
General Education Requirement *		3
	<hr/>	<hr/>
		12

Fourth Semester (See Substitution note below)	CA Credits	AAS Credits
SMP 44 - Blow Pipe Fabrication		4
SMP 45 - Advanced Fabrication (General)		4
SMP 46 - Pattern Development III		2
SMP 49 - Advanced Shop Problems		2
General Education Requirement *		3
	<hr/>	<hr/>
		15

Minimum Credits Required **29** **62**

* General Education Requirements for the AAS degree are listed under *DEGREES AND CERTIFICATES*.

Note: Second year coursework will be offered if sufficient enrollment exists. (Industry offers employment to students upon completion of first year.)

Note: Students must also meet the proficiency requirements in communication established by Honolulu CC to qualify for the Certificate of Achievement.

Substitution: If Honolulu CC does not offer a third or fourth semester course in the normal sequence, Cooperative Education (SMP 93V) will substitute up to the credits of the required course(s) not scheduled.

COST OF TEXTBOOKS/SUPPLIES: The cost of tools, instruments, and textbooks is approximately \$625.



WELD - WELDING TECHNOLOGY

LIAISON: Jeff Schultz (808-845-9486, jeff8@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/weld

FACULTY: Jeff Schultz, Alton Waiamau

PROGRAM MISSION: The Welding Technology program's mission is to serve the community as a learning-centered, open door program that provides technical training to meet the demands of the welding industry and the needs of the individual. An open-exit option allows the students to identify their career objectives and participate in program exploration.



PROGRAM DESCRIPTION: The Welding curriculum is designed to meet the minimum skill standards established by the American Welding Society (AWS) for entry-level welders. Training is given in both theory and practical skills in the various phases of welding and cutting. This includes arc welding, plasma and air carbon arc cutting, oxyacetylene welding, TIG welding, MIG welding, gas metal and flux core arc welding, welding inspecting testing principles and fabrication techniques. Entry-level welders are employed in a wide range of industries that use welding and welding-related tasks. This range of industries includes small, medium, and large union and non-union facilities. Students have the option of pursuing a Certificate of Achievement or Associate of Applied Science degree.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the WELD program, students will be able to:

- Demonstrate integrity, motivation, dependability and reliability and willingness to learn.
- Demonstrate skills related to applied science, basic computers, applied mathematics/measurements, reading for information, business writing, listening and following directions, locating/using information and speaking/presentation.
- Demonstrate understanding of business fundamentals, teamwork, adaptability/flexibility, marketing and customer focus, planning and organizing, problem solving and decision-making and applied technology.
- Demonstrate competencies in manufacturing process development and design, production, maintenance installation and repair, supply chain logistics, quality assurance/continuous improvement and health and safety.
- Demonstrate welding fundamentals, processes and equipment, materials and metallurgy and welding safety.
- Demonstrate knowledge in safety and health, drawing and symbols, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), Thermal Cutting, Oxygen Fuel Cutting (OFC), Plasma Arc Cutting (PAC), Carbon Arc Cutting (CAC) and Inspection.
- Demonstrate competencies in SMAW, GMAW, FCAW, GTAW, thermal cutting, OFC, PAC, CAC and inspection.

PROGRAM REQUIREMENTS:

Program Prerequisites: Placement into ENG 100; MATH 50 OR Placement into MATH 150 or higher

First Semester	CA Credits	AAS Credits
WELD 152 - Introduction to Arc I	3	3
WELD 154 - Introduction to Arc II	2	2
WELD 156 - Introduction to Arc III	2	2
WELD 158 - Introduction to Arc IV	2	2
IEDB 100 - Blueprint Reading and Drafting	3	3
General Education Requirements - Natural Science*		3-4
	12	15-16

Second Semester	CA Credits	AAS Credits
WELD 160 - Advanced Arc Welding I	2	2
WELD 162 - Advanced Arc Welding II	3	3
WELD 164 - Advanced Arc Welding III	3	3
WELD 166 - Plasma and Air Carbon Arc Cutting	1	1
WELD 121 - Shop and Hand Tools	2	2
WELD 168 - Blueprint Reading for Welders	3	3
MATH 150 - Technical College Mathematics		3
	14	17

Third Semester	CA Credits	AAS Credits
WELD 170 - Oxyacetylene Welding I	2	
WELD 172 - Oxyacetylene Welding II	2	
WELD 174 - TIG Welding I	2	
WELD 176 - TIG Welding II	2	
WELD 178 - Fabrication Techniques	4	
ENG 100 - Composition I	3	
	15	

Fourth Semester	CA Credits	AAS Credits
WELD 180 - Gas Metal and Flux Cored Arc Welding	5	
WELD 182 - Welding Inspection Testing Principles	1	
WELD 184 - Advanced Fabrication Techniques	4	
General Education Requirements *	6	
	16	

Minimum Credits Required	26	63-64
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COST OF TEXTBOOKS/SUPPLIES: The cost for textbooks, tools, PPE, and supplies for the 4- semester program is approximately \$2000. Purchases of additional tools and textbooks may be required each semester.





LIBERAL ARTS DEPARTMENTS, DISCIPLINES AND FACULTY

Honolulu Community College ensures that the academic enterprise ties back to the college's mission, ensuring open, equitable access to a high-quality education for all residents of Hawai'i. Although each program has its own program mission, each one contributes closely to the overall mission of the college.

The Honolulu Community College mission states:

Honolulu Community College provides accessible educational opportunities through an engaging learning environment that values academic excellence and personal growth of all students, with a kuleana to Native Hawaiian and our community, through career, liberal arts, technology, transfer, and professional training programs.

General Education in the Curriculum

Statement of Philosophy

Honolulu Community College believes in unlimited human potential. The General Education component in all programs is a part of the process that supports individuals by encouraging development in thought, communication, ethical deliberation, creativity, feeling, empathy, adaptability, and awareness by providing foundation skills necessary for successful living in an ever-changing, global environment.

In addition, General Education is a key to solving the problems of surviving and thriving for individuals, communities and nations because it provides a common basis of understanding that fosters collaboration and helps create a human community.

The Honolulu Community College General Education curriculum has comprehensive learning outcomes and ensures that students are able to meet those outcomes. These outcomes include the development of:

- a) Understanding of the basic content and methodology of major areas of knowledge, including humanities and fine arts, natural sciences, and social sciences.
- b) Skills necessary to be a productive individual and lifelong learner, which include oral and written communication, information competency, computer literacy, scientific and quantitative reasoning, critical analysis/logical thinking, and the acquisition of knowledge through a variety of means.
- c) Qualities necessary to be an ethical human being and effective citizen. These include an appreciation of ethical principles, civility and interpersonal skills, respect for cultural diversity, historical and aesthetic sensitivity, and the willingness to assume civic, political and social responsibilities locally, nationally, and globally.

PROGRAM MISSION: The mission of the Liberal Arts department is to offer comprehensive educational programs that provide meaningful learning and excellent teaching. The diverse disciplines in Liberal Arts supports an environment that fosters lifelong learning for the success of the individual as well as the community.

Program Learning Outcomes (PLOs)

The Arts & Sciences Divisions of Honolulu Community College are committed to providing the first two years of a traditional baccalaureate education by offering high-quality general education in liberal arts and sciences.

The student will be able to:

1. Communicate effectively by means of listening, speaking, reading, and writing in varied situations.
2. Apply quantitative reasoning skills to solve problems, evaluate arguments and chains of reasoning, and interpret information.
3. Demonstrate an understanding of life processes, individual development, thinking and behavior.
4. Demonstrate an understanding of the natural environment of the planet and learn to utilize natural resources sustainably.
5. Demonstrate a comprehension and skill with research methods and scientific inquiry.
6. Display knowledge of different groups and organizations in societies and respect for varied cultural values.
7. Demonstrate a greater ethical understanding and reasoning ability about contemporary ethical issues.
8. Identify and articulate in a reasoned manner the roots and causal basis of contemporary issues.
9. Demonstrate a knowledge of one or more art forms and the role that the arts play in history and culture.

Liberal Arts Departments

Humanities

DIVISION CHAIR: Mieko Matsumoto (808-845-9418, miekofm@hawaii.edu)

FACULTY: Kara Kam-Kalani, Mieko Matsumoto, Sharleen Nakamoto-Levine, Mitchell Okamura, Patrick Patterson, Ronald Pine

EMERITUS FACULTY: Norman Hallett, Walter McGoldrick, Barbara Peterson, Marcia Roberts-Deutsch, Alan Yonan

The Humanities Department offers courses in American Studies, Art, Asian Studies, History, Humanities, Music, Philosophy, Religion, Speech and Theater.

Kūlana Hawai'i (Hawaiian Programs)

DIVISION CHAIR: Mark Alapaki Luke, (808-844-2372, markluke@hawaii.edu)

FACULTY: Tiani Akeo-Basques, Paul Kalani Flores, Jacob Hau'oli Lorenzo-Elarco, Mark Alapaki Luke, Ka'iulani Murphy

Kūlana Hawai'i is comprised of the Nā Papa Hawai'i-Hawaiian Language and Hawaiian Studies Programs, and the Hulili Ke Kukui-Hawaiian Center. Nā Papa Hawai'i offers courses in Hawaiian Language, Hawaiian Studies, Hawaiian plants, Hawaiian Literature, and Voyaging. Hulili Ke Kukui provides comprehensive support services including the Po'i Nā Nalu Native Hawaiian Career & Technical Education Program which offers student success, career development, and cultural engagement support to Native Hawaiian students enrolled in CTE and STEM programs. Kūlana Hawai'i's mission is to perpetuate Hawaiian knowledge and traditional practices.

Language Arts

DIVISION CHAIR: Shioko Yonezawa (808-845-9159, shioko@hawaii.edu)

FACULTY: April Ching, Brenda Coston, Charlene Gima, Kalehua Kamakawiwoole, Brenda Kwon, Chris McKinney, Conred Maddox, Derek Otsuji, Bed Paudyal, Kenneth Quilantang Jr., Jerry Saviano, Jeff Stearns, Shioko Yonezawa

EMERITUS FACULTY: Gloria Hooper

The Language Arts Department offers non-credit and credit courses in Composition, Literature, Business Writing, Journalism, Linguistics, Languages, East Asian Languages and Literature (EALL), and English as a Second Language (ESL). Languages offered include Japanese, Korean, and American Sign Language.

Mathematics

DIVISION CO-CHAIR: Sterling Foster (skfoster@hawaii.edu)

FACULTY: Sterling Foster, Prateek Kunwar, Femar Lee, Sang (Mike) Lee, Florence Liu, Steven Mandraccia, Elliot Ossanna, Gretel Sia

EMERITUS FACULTY: Alice Bertram, Jim Reeder

Students planning to take courses in Mathematics at Honolulu Community College should be aware the courses are arranged into separate pathways; College Algebra "STEM," College Math "Non-STEM," and Technical Math. Each course is designed to serve as preparation for a succeeding course or as a final course within that specific pathway. Courses are not designed to transition between pathways. Working with an Academic Counselor and planning ahead will eliminate extraneous courses. To help students visualize the pathways, a flowchart appears with the Mathematics courses in the "Course Description" section of the catalog. Course Descriptions also list specific prerequisites for that course, generally a grade of "C" or higher in the prerequisite course is required.

Natural Sciences

DIVISION CO-CHAIR: Shidong Kan (808-845-9499, shidong@hawaii.edu)

FACULTY: Shidong Kan, Mario Mediati, Michelle Nathan, Gabriel Peckham, Brent Rubio, Kerry Tanimoto, Hsin-I Tong

The Natural Sciences Department offers courses in Astronomy, Atmospheric Sciences, Agriculture, Biochemistry, Biology, Botany, Chemistry, Civil Engineering, Electrical Engineering, Geology & Geophysics, Microbiology, Oceanography, Physics, Physiology, Science, and Zoology.

Social Sciences

DIVISION CHAIR: Mieko Matsumoto (808-845-9418, miekofm@hawaii.edu)

FACULTY: John DeLay, Coty Gonzales, Fumiko Takasugi

EMERITUS FACULTY: David Cleveland

The Social Sciences Department offers courses in Accounting, Anthropology, Economics, Geography and Environment, Political Science, Psychology, Social Science, Sociology and Women's Studies.

Liberal Arts Degree Programs

HAWAIIAN STUDIES (HWST)

LIAISON: Mark Alapaki Luke (808-844-2372, markluke@hawaii.edu)

OFFICE: Building 7-517

FACULTY: Tiani Akeo-Basques, Paul Kalani Flores, Jacob Hau'oli Lorenzo-Elarco, Mark Alapaki Luke, Kai'ulani Murphy

PROGRAM MISSION: Provide an opportunity for students to gain an understanding and knowledge of the host culture of Hawai'i, the Native Hawaiian language, culture and values.



PROGRAM DESCRIPTION: The Hawaiian Studies Associate in Arts will provide pathways, support, and recognition for students who are pursuing an AA at Honolulu Community College which is a two-year liberal arts degree that provides students with, 1) skills and perspectives fundamental to undertaking higher education; and, 2) a broad exposure to different domains of academic knowledge. This program will also ensure that students will enter a baccalaureate Hawaiian Studies program with the skills and knowledge required to promote success in the Hawaiian Studies major. The AA in Hawaiian Studies has comparable foundation, and diversification requirements to the Honolulu CC AA in Liberal Arts. It includes an expanded set of graduation requirements that, 1) provides students with a foundational introduction to the study of Hawaiian knowledge, cultural understanding, and values through exposure to origins, language, environment, craft, history, politics and culture; and, 2) supports the development and training of students toward the use of Hawaiian based knowledge and methods in the workforce and other areas of inquiry such as science, humanities, the arts, social sciences, and other professional endeavors.

PROGRAM STUDENT LEARNING OUTCOMES (SLO): Upon successful completion of the AA in Hawaiian Studies, students will be able to:

- Demonstrate competency in spoken and written Hawaiian language and show a familiarity with the oral traditions and written literature of Hawai'i.
- Identify elements of the geology and geography of Hawai'i and the role of Hawaiian culture in understanding the 'āina (land/earth).

- Recognize, analyze, evaluate and work to solve contemporary economic, political and social problems in Hawai'i and their impact on Native Hawaiians.
- Utilize the Native Hawaiian understanding of ethics, philosophy, religion, and the worldview in solving contemporary issues.

PROGRAM REQUIREMENTS: HAWAIIAN STUDIES AA DEGREE

	Suggested Semester *				AA Credits
	1	2	3	4	
Core Requirements ***:					
<i>HAW 101 - Elementary Hawaiian I</i>	✓				4
<i>HAW 102 - Elementary Hawaiian II</i>		✓			4
<i>HWST 107 - Hawai'i: Center of the Pacific (DH)</i>	✓				3
<i>BOT 105 - Mea Kanu: Hawaiian Plants and Their Uses (DS)</i> or <i>HWST 105 - Mea Kanu: Hawaiian Plants and Their Uses (DS)</i>		✓			3
<i>HWST 270 - Hawaiian Mythology (DL)</i>			✓		3
					17

	Suggested Semester *				AA Credits
	1	2	3	4	
Electives ***:					
Choose 12-13 credits from the following Electives: (Select four different elective courses)					
• <i>HAW 110 - Evolution of Hawai'i's Languages (3)</i>					
• <i>HAW 201 - Intermediate Hawaiian I (4)</i>					
• <i>HAW 202 - Intermediate Hawaiian II (4)</i>					
• <i>HAW 261 - Hawaiian Literature in English (3) DL</i>					
• <i>HWST 110 - Huaka'i Wa'a: Introduction to Hawaiian Voyaging (3)</i> and <i>HWST 110L - Wa'a Ho'okele: Hawaiian Sailing Canoes Lab (1)</i>					
• <i>HWST 128 - Introduction to Hula Kahiko (3)</i>					
• <i>HWST 129 - Introduction to Hula 'Auana (3)</i>					
• <i>HWST 135 - Kālai Lā'au: Hawaiian Woodwork and Wood Carving (3)</i>					
• <i>HWST 207 - Mālama Ahupua'a: Hawaiian Perspectives in Ahupua'a (3)</i>					
• <i>HWST 228 - Hula Kahiko (3)</i>					
• <i>HWST 229 - Hula 'Auana (3)</i>					
• <i>HWST 255 - Intro to the Hawaiian Kingdom (3)</i>					
• <i>HWST 275 - Pana O'ahu (A), (B), or (C) (3)</i>					
• <i>HWST 281 - Ho'okele I: Hawaiian Astronomy and Navigation (3) DP</i> and <i>HWST 281L - Ho'okele I: Hawaiian Astronomy and Navigation Lab (1) DY</i>					
• <i>HWST 282 - Ho'okele II: Hawaiian Voyaging and Seamanship (3) DH</i> and <i>HWST 282L - Ho'okele II: Hawaiian Voyaging and Seamanship Lab (1)</i>					
• <i>HWST 284 - He Moku He Wa'a: The Island is a Canoe (3)</i>					
• <i>HWST 285 - La'au Lapa'au: Hawaiian Medicinal Herbs (4) DH</i>					
• <i>BOT 130 - Plants in the Hawaiian Environment (3) DB</i> and <i>BOT 130L - Plants in the Hawaiian Environment Laboratory (1) DY</i>					
• <i>ERTH 103 - Geology of the Hawaiian Islands (3) DP</i>					
• <i>GEO 122 - Geography of Hawai'i (3) DS</i>					
• <i>HIST 284 - History of the Hawaiian Islands (3)</i>					
• <i>POLS 180 - Introduction to Hawai'i Politics (3) DS</i>					

	Suggested Semester *				AA Credits
	1	2	3	4	
Foundations Requirements **:					
<i>ENG 100 - Composition I (FW)</i>	✓				3
<i>Quantitative Reasoning (FQ); 3 credits:</i>		✓			3
<i>Global & Multicultural Perspectives (2 courses) FG</i>			✓	✓	6
					12

Diversification Requirements **:	Suggested Semester *	1	2	3	4	AA Credits
(Students may choose from the HWST AA Electives to fulfill Diversification requirements.)						
Choose 6 credits from 2 different groups:						
• <i>The Arts (DA)</i>	✓	✓	✓	✓		6
• <i>Humanities (DH)</i>						
• <i>Literature and Language (DL)</i>						
• <i>Speech (1 course required)</i>						
Choose 7 credits from 3 different groups:						
• <i>Natural Science: Biological Science (3) DB</i>	✓	✓	✓	✓		7
• <i>Natural Science: Physical Science (3) DP</i>						
• <i>Natural Science Laboratory (1) DY</i>						
Choose 6 credits from 2 different disciplines:						
• <i>Social Science (DS)</i>	✓	✓	✓	✓		6
Recommended Focus sections to include above:						
• <i>1 Writing Intensive (WI)</i>	✓	✓	✓	✓		
• <i>1 Contemporary Ethical Issues (HCC-E)</i> <i>(i.e. PHIL 101, POLS 120, REL 151, WGSS 151)</i>						
						19

Minimum Credits Required **60-61**

* Suggested courses for the first through the fourth semester are designated with a "✓".

** General Education Requirements for the AA degree are listed under *DEGREES AND CERTIFICATES*.

*** A grade of "C" or higher must be earned in all program- required courses and electives.

PROGRAM REQUIREMENTS: HAWAIIAN STUDIES AA DEGREE - 'ŌLELO HAWAI'I CONCENTRATION

Core Requirements ***:	Suggested Semester *	1	2	3	4	AA Credits
<i>HAW 101 - Elementary Hawaiian I</i>	✓					4
<i>HAW 102 - Elementary Hawaiian II</i>		✓				4
<i>HAW 201 - Intermediate Hawaiian I</i>			✓			4
<i>HAW 202 - Intermediate Hawaiian II</i>				✓		4
<i>HWST 107 - Hawai'i: Center of the Pacific (DH)</i>	✓					3
<i>BOT 105 - Mea Kanu: Hawaiian Plants and Their Uses (DS)</i> or <i>HWST 105 - Mea Kanu: Hawaiian Plants and Their Uses (DS)</i>		✓				3
<i>HWST 270 - Hawaiian Mythology (DL)</i>			✓			3
						25

Electives ***:	Suggested Semester *				AA Credits
	1	2	3	4	
Choose 4-5 credits from the following Electives: (Select two different elective courses)					
• HAW 110 - <i>Evolution of Hawai'i's Languages</i> (3)					
• HAW 261 - <i>Hawaiian Literature in English</i> (3) DL					
• HWST 110 - <i>Huaka'i Wa'a: Introduction to Hawaiian Voyaging</i> (3) and HWST 110L - <i>Wa'a Ho'okele: Hawaiian Sailing Canoes Lab</i> (1)					
• HWST 128 - <i>Introduction to Hula Kahiko</i> (3)					
• HWST 129 - <i>Introduction to Hula 'Auana</i> (3)					
• HWST 135 - <i>Kālai Lā'au: Hawaiian Woodwork and Wood Carving</i> (3)					
• HWST 207 - <i>Mālama Ahupua'a: Hawaiian Perspectives in Ahupua'a</i> (3)					
• HWST 228 - <i>Hula Kahiko</i> (3)					
• HWST 229 - <i>Hula 'Auana</i> (3)					
• HWST 255 - <i>Intro to the Hawaiian Kingdom</i> (3)					
• HWST 275 - <i>Pana O'ahu (A), (B), or (C)</i> (3)					
• HWST 281 - <i>Ho'okele I: Hawaiian Astronomy and Navigation</i> (3) DP and HWST 281L - <i>Ho'okele I: Hawaiian Astronomy and Navigation Lab</i> (1) DY					
• HWST 282 - <i>Ho'okele II: Hawaiian Voyaging and Seamanship</i> (3) DH and HWST 282L - <i>Ho'okele II: Hawaiian Voyaging and Seamanship Lab</i> (1)					
• HWST 284 - <i>He Moku He Wa'a: The Island is a Canoe</i> (3)					
• HWST 285 - <i>La'au Lapa'au: Hawaiian Medicinal Herbs</i> (4) DH					
• BOT 130 - <i>Plants in the Hawaiian Environment</i> (3) DB and BOT 130L - <i>Plants in the Hawaiian Environment Laboratory</i> (1) DY					
• EARTH 103 - <i>Geology of the Hawaiian Islands</i> (3) DP					
• GEO 122 - <i>Geography of Hawai'i</i> (3) DS					
• HIST 284 - <i>History of the Hawaiian Islands</i> (3)					
• POLS 180 - <i>Introduction to Hawai'i Politics</i> (3) DS					

Foundations Requirements **:	Suggested Semester *				AA Credits
	1	2	3	4	
ENG 100 - <i>Composition I (FW)</i>	✓				3
Quantitative Reasoning (FQ); 3 credits:		✓			3
Global & Multicultural Perspectives (2 courses) FG			✓	✓	6
					12

Diversification Requirements **:	Suggested Semester *				AA Credits
	1	2	3	4	
(Students may choose from the HWST AA Electives to fulfill Diversification requirements.)					
Choose 6 credits from 2 different groups:					
• The Arts (DA)	✓	✓	✓	✓	6
• Humanities (DH)					
• Literature and Language (DL)					
• Speech (1 course required)					
Choose 7 credits from 3 different groups:					
• Natural Science: Biological Science (3) DB	✓	✓	✓	✓	7
• Natural Science: Physical Science (3) DP					
• Natural Science Laboratory (1) DY					
Choose 6 credits from 2 different disciplines:					
• Social Science (DS)	✓	✓	✓	✓	6
Recommended Focus sections to include above:					
• 1 Writing Intensive (WI)	✓	✓	✓	✓	
• 1 Contemporary Ethical Issues (HCC-E) (i.e. PHIL 101, POLS 120, REL 151, WGSS 151)					
					19

Minimum Credits Required **60-61**

* Suggested courses for the first through the fourth semester are designated with a "✓".

** General Education Requirements for the AA degree are listed under *DEGREES AND CERTIFICATES*.

*** A grade of "C" or higher must be earned in all program- required courses and electives.

PROGRAM REQUIREMENTS: HAWAIIAN STUDIES AA DEGREE - HO'OKELE CONCENTRATION

	Suggested Semester *				
	1	2	3	4	AA Credits
Core Requirements ***:					
<i>HAW 101 - Elementary Hawaiian I</i>	✓				4
<i>and HAW 102 - Elementary Hawaiian II</i>		✓			
<i>HWST 107 - Hawai'i: Center of the Pacific (DH)</i>	✓				3
<i>HWST 281 - Ho'okele I: Hawaiian Astronomy and Navigation (3) DP</i>					3
<i>and HWST 281L - Ho'okele I: Hawaiian Astronomy and Navigation Lab (1) DY</i>					1
<i>HWST 282 - Ho'okele II: Hawaiian Voyaging and Seamanship (3) DH</i>					3
<i>and HWST 282L - Ho'okele II: Hawaiian Voyaging and Seamanship Lab (1)</i>					1
<i>BOT 105 - Mea Kanu: Hawaiian Plants and Their Uses (DS)</i>		✓			3
<i>or HWST 105 - Mea Kanu: Hawaiian Plants and Their Uses (DS)</i>					
<i>HWST 270 - Hawaiian Mythology (DL)</i>		✓			3
					25

	Suggested Semester *				
	1	2	3	4	AA Credits
Electives ***:					
Choose 4-5 credits from the following Electives: (Select two different elective courses)					
• <i>HAW 110 - Evolution of Hawai'i's Languages (3)</i>					
• <i>HAW 201 - Intermediate Hawaiian I (4)</i>					
• <i>HAW 202 - Intermediate Hawaiian II (4)</i>					
• <i>HAW 261 - Hawaiian Literature in English (3) DL</i>					
• <i>HWST 110 - Huaka'i Wa'a: Introduction to Hawaiian Voyaging (3)</i>					
<i>and HWST 110L - Wa'a Ho'okele: Hawaiian Sailing Canoes Lab (1)</i>					
• <i>HWST 128 - Introduction to Hula Kahiko (3)</i>					
• <i>HWST 129 - Introduction to Hula 'Auana (3)</i>					
• <i>HWST 135 - Kālai Lā'au: Hawaiian Woodwork and Wood Carving (3)</i>					
• <i>HWST 207 - Mālama Ahupua'a: Hawaiian Perspectives in Ahupua'a (3)</i>					
• <i>HWST 228 - Hula Kahiko (3)</i>	✓		✓		4-5
• <i>HWST 229 - Hula 'Auana (3)</i>					
• <i>HWST 255 - Intro to the Hawaiian Kingdom (3)</i>					
• <i>HWST 275 - Pana O'ahu (A), (B), or (C) (3)</i>					
• <i>HWST 284 - He Moku He Wa'a: The Island is a Canoe (3)</i>					
• <i>HWST 285 - La'au Lapa'au: Hawaiian Medicinal Herbs (4) DH</i>					
• <i>BOT 130 - Plants in the Hawaiian Environment (3) DB</i>					
<i>and BOT 130L - Plants in the Hawaiian Environment Laboratory (1) DY</i>					
• <i>ERTH 103 - Geology of the Hawaiian Islands (3) DP</i>					
• <i>GEO 122 - Geography of Hawai'i (3) DS</i>					
• <i>HIST 284 - History of the Hawaiian Islands (3)</i>					
• <i>POLS 180 - Introduction to Hawai'i Politics (3) DS</i>					
					4-5

	Suggested Semester *				
	1	2	3	4	AA Credits
Foundations Requirements **:					
<i>ENG 100 - Composition I (FW)</i>	✓				3
<i>Quantitative Reasoning (FQ); 3 credits</i>		✓			3
<i>Global & Multicultural Perspectives (2 courses) FG</i>		✓	✓		6
					12

Diversification Requirements **:	Suggested Semester *				AA Credits
	1	2	3	4	
Choose 6 credits from 2 different groups:					
• The Arts (DA)	✓	✓	✓	✓	6
• Humanities (DH)					
• Literature and Language (DL)					
• Speech (1 course required)					
Choose 7 credits from 3 different groups:					
• Natural Science: Biological Science (3) DB	✓	✓	✓	✓	7
• Natural Science: Physical Science (3) DP					
• Natural Science Laboratory (1) DY					
Choose 6 credits from 2 different disciplines:					
• Social Science (DS)	✓	✓	✓	✓	6
Recommended Focus sections to include above:					
• 1 Writing Intensive (WI)	✓	✓	✓	✓	
• 1 Contemporary Ethical Issues (HCC-E) (i.e. PHIL 101, POLS 120, REL 151, WGSS 151)					
					19

Minimum Credits Required

60-61

* Suggested courses for the first through the fourth semester are designated with a "a".

** General Education Requirements for the AA degree are listed under DEGREES AND CERTIFICATES.

*** A grade of "C" or higher must be earned in all program- required courses and electives.



NATURAL SCIENCES (NS)

LIAISON: Shidong Kan (808-845-9499, shidong@hawaii.edu)

FACULTY: Liberal Arts Faculty in Math, Sciences and other disciplines

PROGRAM MISSION: The Associate of Science in Natural Sciences degree program will prepare students to transfer to baccalaureate STEM (Science, Technology, Engineering and Mathematics) programs with recognized and supported pathways.

PROGRAM DESCRIPTION: The Associate of Science in Natural Sciences (AS-NS) degree is designed for students planning to transfer to a science, technology, engineering or mathematics (STEM) baccalaureate degree program at a four-year institution in Hawai'i or on the U.S. mainland.

PROGRAM LEARNING OUTCOMES (PLOs): Upon successful completion of the AS in Natural Sciences, students will be able to:

- Analyze data effectively using the most currently available technology.
- Communicate scientific ideas and principles clearly and effectively.
- Analyze and apply fundamental mathematical, physical and chemical concepts and techniques to scientific issues.
- Apply fundamental concepts and techniques in their chosen field of study, such as biology, chemistry, geology, and engineering.



PROGRAM REQUIREMENTS: NATURAL SCIENCE AS DEGREE - BIOLOGICAL SCIENCES CONCENTRATION

General Education Courses

AS Credits

Foundations Requirements **:

<i>ENG 100 - Composition I (FW)</i>	3
<i>MATH 241 - Calculus I (FQ)</i>	4
<i>MATH 215 - Applied Calculus I (FW) is also accepted.</i>	

<i>Two courses from FGA, FGB, FGC, from two different groups</i>	6
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Diversification Requirements **:

<i>One course from DA, DH, DL</i>	3
<i>One course from DS</i>	3

One course from DB, one course from DP, and one course from DY are fulfilled by Core Requirements courses. See Core Requirements section below.

Focus Requirement

One course should satisfy the HAP Focus Requirement

19

Core Requirements*

AS Credits

<i>BIOL 171 - Introduction to Biology I (Fulfills DB requirement)</i>	3
<i>BIOL 171L - Introduction to Biology I Lab</i>	1
<i>BIOL 172 - Introduction to Biology II</i>	3
<i>BIOL 172L - Introduction to Biology II Lab</i>	1
<i>CHEM 161 - General Chemistry I (Fulfills DP requirement)</i>	3
<i>CHEM 161L - General Chemistry I Lab (Fulfills DY requirement)</i>	1
<i>CHEM 162 - General Chemistry II</i>	3
<i>CHEM 162L - General Chemistry II Lab</i>	1

16

Electives

Choose 25 credits from the following Science Electives and Other Electives, appropriate to Degree Concentration and intended baccalaureate pathway:

*** Indicates strongly recommended courses.

**** If you plan to transfer to a 4-year UH institution, we recommend that you take one year of Physics with labs.

Science Electives*

- AG 100 - *Introduction to Agricultural Sciences* (3)
- ASTR 110 - *Survey of Astronomy* (3)
- ASTR 110L - *Survey of Astronomy Laboratory* (1)
- ATMO 101 - *Introduction to Meteorology* (3)
- ATMO 101L - *Introduction to Meteorology Lab* (1)
- BIOC 141 - *Fundamentals of Biochemistry* (3)
- BIOC 142 - *Elements of Biochemistry* (3)
- BIOL 123 - *Hawaiian Environmental Science* (3)
- BIOL 124 - *Environment and Ecology* (3)
- BIOL 124L - *Environment and Ecology Lab* (1)
- BIOL 200 - *Coral Reefs* (3)
- BIOL 265 - *Ecology and Evolutionary Biology* (3)
- BIOL 265L - *Ecology and Evolutionary Biology Lab* (1)
- BIOL 275*** - *Cell and Molecular Biology* (3)
- BIOL 275L*** - *Cell and Molecular Biology Lab* (2)
- BOT 101 - *General Botany* (3)
- BOT 101L - *General Botany Lab* (1)
- BOT/HWST 105 - *Mea Kanu: Hawaiian Plants and their Uses* (3)
- BOT 130 - *Plants in the Hawaiian Environment* (3)
- BOT 130L - *Plants in the Hawaiian Environment Lab* (1)
- CE 270 - *Applied Mechanics I* (3)
- CE 271 - *Applied Mechanics II* (3)
- EARTH 101 - *Introduction to Geology* (3)
- EARTH 101L - *Introductory Geology Lab* (1)
- EARTH 103 - *Geology of the Hawaiian Islands* (3)
- EE 160 - *Programming for Engineers* (4)
- EE 211 - *Basic Circuit Analysis I* (4)
- EE 213 - *Basic Circuit Analysis II* (4)
- EE 296 - *Sophomore Project* (3)
- GEO 101 - *The Natural Environment* (3)
- GEO 101L - *The Natural Environment Lab* (1)
- MATH 242 - *Calculus II* (4)
- MICR 130 - *General Microbiology* (3)
- MICR 140L - *General Microbiology Lab* (2)
- OCN 101 - *Marine Option Program Seminar* (1)
- OCN 102 - *Introduction to the Environment and Sustainability* (3)
- OCN 201 - *Science of the Sea* (3)
- OCN 201L - *Science of the Sea Lab* (1)
- PHYS 151**** - *College Physics I* (3)
- PHYS 151L**** - *College Physics I Lab* (1)
- PHYS 152**** - *College Physics II* (3)
- PHYS 152L**** - *College Physics II Lab* (1)
- PHYS 170**** - *General Physics I* (4)
- PHYS 170L**** - *General Physics I Lab* (1)
- PHYS 272**** - *General Physics II* (3)
- PHYS 272L**** - *General Physics II Lab* (1)
- PHYL 141 - *Human Anatomy and Physiology I* (3)
- PHYL 141L - *Human Anatomy and Physiology I Lab* (1)
- PHYL 142 - *Human Anatomy and Physiology II* (3)
- PHYL 142L - *Human Anatomy and Physiology II Lab* (1)
- SCI 295V - *Science, Technology, Engineering, and Mathematics (STEM) Research Experience* (1-3)
- ZOOL 200 - *Marine Biology* (3)
- ZOOL 200L - *Marine Biology Lab* (1)
- Other approved courses

AS Credits

13

Other Electives

- Any courses, including courses from the above Science Electives list.
- If you plan to transfer to a 4-year UH institution, we recommend that you take courses that fulfill the WI requirements, courses that fulfill the Hawaiian or Second Language (HSL) requirement, and/or courses that fulfill the additional DA/DH/DL and DS requirement. The additional DA/DH/DL course should be of a different group from the one used to fulfill the DA/DH/DL diversification requirement. The additional DS course should be of a different discipline from the one used to fulfill the DS diversification requirement.

AS Credits

12

Minimum Credits Required **60**

- * A grade of "C" or higher must be earned in all program-required courses and science electives; minimum 2.0 GPA.
- ** General Education Requirements for the AA degree are listed under *DEGREES AND CERTIFICATES*.

PROGRAM REQUIREMENTS: NATURAL SCIENCE AS DEGREE - PHYSICAL SCIENCES CONCENTRATION**General Education Courses** **AS Credits****Foundations Requirements **:**

<i>ENG 100 - Composition I (FW)</i>	3
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<i>MATH 241- Calculus I (FQ)</i>	4
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<i>Two courses from FGA, FGB, FGC, from two different groups</i>	6
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Diversification Requirements **:

<i>One course from DA, DH, DL</i>	3
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<i>One course from DS</i>	3
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<i>One course from DB</i>	3
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One course from DP and one course from DY are fulfilled by Core Requirements courses. See the Core Requirements section below.

Focus Requirement

One course should satisfy the HAP Focus Requirement

22

Core Requirements* **AS Credits**

<i>CHEM 161 - General Chemistry I (Fulfills DP requirement)</i>	3
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<i>CHEM 161L - General Chemistry I Lab (Fulfills DY requirement)</i>	1
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<i>CHEM 162 - General Chemistry II</i>	3
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<i>CHEM 162L - General Chemistry II Lab</i>	1
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<i>MATH 242 - Calculus II</i>	4
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<i>PHYS 151 - College Physics I or PHYS 170 - General Physics I</i>	3-4
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<i>PHYS 151L - College Physics I Lab or PHYS 170L - General Physics I Lab</i>	1
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<i>PHYS 152 - College Physics II or PHYS 272 - General Physics II</i>	3
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<i>PHYS 152L - College Physics II Lab or PHYS 272L - General Physics II Lab</i>	1
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20-21

Electives

Choose 17-18 credits from the following Science Electives and Other Electives, appropriate to Degree Concentration and intended baccalaureate pathway:

Science Electives*	AS Credits
<ul style="list-style-type: none"> • AG 100 - <i>Introduction to Agricultural Sciences</i> (3) • ASTR 110 - <i>Survey of Astronomy</i> (3) • ASTR 110L - <i>Survey of Astronomy Laboratory</i> (1) • ATMO 101 - <i>Introduction to Meteorology</i> (3) • ATMO 101L - <i>Introduction to Meteorology Lab</i> (1) • BIOC 141 - <i>Fundamentals of Biochemistry</i> (3) • BIOC 142 - <i>Elements of Biochemistry</i> (3) • BIOL 100 - <i>Human Biology</i> (3) • BIOL 101 - <i>Biology and Society</i> (3) • BIOL 101L - <i>Biology and Society Lab</i> (1) • BIOL 123 - <i>Hawaiian Environmental Science</i> (3) • BIOL 124 - <i>Environment and Ecology</i> (3) • BIOL 124L - <i>Environment and Ecology Lab</i> (1) • BIOL 171 - <i>Introduction to Biology I</i> (3) • BIOL 171L - <i>Introduction to Biology I Lab</i> (1) • BIOL 172 - <i>Introduction to Biology II</i> (3) • BIOL 172L - <i>Introduction to Biology II Lab</i> (1) • BIOL 200 - <i>Coral Reefs</i> (3) • BIOL 265 - <i>Ecology and Evolutionary Biology</i> (3) • BIOL 265L - <i>Ecology and Evolutionary Biology Lab</i> (1) • BIOL 275 - <i>Cell and Molecular Biology</i> (3) • BIOL 275L - <i>Cell and Molecular Biology Lab</i> (2) • BOT 101 - <i>General Botany</i> (3) • BOT 101L - <i>General Botany Lab</i> (1) • BOT/HWST 105 - <i>Mea Kanu: Hawaiian Plants and their Uses</i> (3) • BOT 130 - <i>Plants in the Hawaiian Environment</i> (3) • BOT 130L - <i>Plants in the Hawaiian Environment Lab</i> (1) • CE 270 - <i>Applied Mechanics I</i> (3) • CE 271 - <i>Applied Mechanics II</i> (3) • EARTH 101 - <i>Introduction to Geology</i> (3) • EARTH 101L - <i>Introductory Geology Lab</i> (1) • EARTH 103 - <i>Geology of the Hawaiian Islands</i> (3) • EE 160 - <i>Programming for Engineers</i> (4) • EE 211 - <i>Basic Circuit Analysis I</i> (4) • EE 213 - <i>Basic Circuit Analysis II</i> (4) • EE 296 - <i>Sophomore Project</i> (3) • GEO 101 - <i>The Natural Environment</i> (3) • GEO 101L - <i>The Natural Environment Lab</i> (1) • MATH 243 - <i>Calculus III</i> (3) • MATH 244 - <i>Calculus IV</i> (3) • MICR 130 - <i>General Microbiology</i> (3) • MICR 140L - <i>General Microbiology Lab</i> (2) • OCN 101 - <i>Marine Option Program Seminar</i> (1) • OCN 102 - <i>Introduction to the Environment and Sustainability</i> (3) • OCN 201 - <i>Science of the Sea</i> (3) • OCN 201L - <i>Science of the Sea Lab</i> (1) • PHYL 141 - <i>Human Anatomy and Physiology I</i> (3) • PHYL 141L - <i>Human Anatomy and Physiology I Lab</i> (1) • PHYL 142 - <i>Human Anatomy and Physiology II</i> (3) • PHYL 142L - <i>Human Anatomy and Physiology II Lab</i> (1) • SCI 295V - <i>Science, Technology, Engineering, and Mathematics (STEM) Research Experience</i> (1-3) • ZOOL 200 - <i>Marine Biology</i> (3) • ZOOL 200L - <i>Marine Biology Lab</i> (1) • <i>Other approved courses</i> 	5-6

Other Electives

Other Electives	AS Credits
<ul style="list-style-type: none"> • Any courses, including courses from the above Science Electives list. • If you plan to transfer to a 4-year UH institution, we recommend that you take courses that fulfill the WI requirements, courses that fulfill the Hawaiian or Second Language (HSL) requirement, and/or courses that fulfill the additional DA/DH/DL and DS requirement. The additional DA/DH/DL course should be of a different group from the one used to fulfill the DA/DH/DL diversification requirement. The additional DS course should be of a different discipline from the one used to fulfill the DS diversification requirement. 	12

17-18

60**MINIMUM CREDITS REQUIRED**

- * A grade of "C" or higher must be earned in all program-required courses and science electives; minimum 2.0 GPA.
- ** General Education Requirements for the AA degree are listed under *DEGREES AND CERTIFICATES*.

PROGRAM REQUIREMENTS: NATURAL SCIENCE AS DEGREE - ENGINEERING CONCENTRATION**General Education Courses****AS Credits**

Foundations Requirements **:

ENG 100 - Composition I (FW) 3*MATH 241 - Calculus I (FQ)* 4*Two courses from FGA, FGB, FGC, from two different groups* 6

Diversification Requirements **:

One course from DA, DH, DL 3*One course from DS* 3*One course from DP and one course from DY are fulfilled by Core Requirements courses. See the Core Requirements section below.*

Focus Requirement

One course should satisfy the HAP Focus Requirement

19**Core Requirements *****AS Credits***CHEM 161 - General Chemistry I (Fulfills DP requirement)* 3*CHEM 161L - General Chemistry I Lab (Fulfills DY requirement)* 1*CHEM 162 - General Chemistry II* 3*EE 160 - Programming for Engineers* 4*MATH 242 - Calculus II* 4*MATH 243 - Calculus III* 3*MATH 244 - Calculus IV* 3*PHYS 170 - General Physics I* 4*PHYS 170L - General Physics I Lab* 1*PHYS 272 - General Physics II* 3*PHYS 272L - General Physics II Lab* 1*CE 270 - Applied Mechanics I (Statics) (3)
or EE 211 - Basics Circuit Analysis I (4)* 3 or 4

33-34**Electives**

Choose 7-8 credits from the following Science Electives and Other Electives, appropriate to Degree Concentration and intended baccalaureate pathway:

*** indicates strongly recommended courses

Science Electives*

AS Credits

- *AG 100 - Introduction to Agricultural Sciences (3)*
- *ASTR 110 - Survey of Astronomy (3)*
- *ASTR 110L - Survey of Astronomy Laboratory (1)*
- *ATMO 101 - Introduction to Meteorology (3)*
- *ATMO 101L - Introduction to Meteorology Lab (1)*
- *BIOC 141 - Fundamentals of Biochemistry (3)*
- *BIOC 142 - Elements of Biochemistry (3)*
- *BIOL 100 - Human Biology (3)*
- *BIOL 101 - Biology and Society (3)*
- *BIOL 101L - Biology and Society Lab (1)*
- *BIOL 123 - Hawaiian Environmental Science (3)*
- *BIOL 124 - Environment and Ecology (3)*
- *BIOL 124L - Environment and Ecology Lab (1)*
- *BIOL 171 - Introduction to Biology I (3)*
- *BIOL 171L - Introduction to Biology I Lab (1)*
- *BIOL 172 - Introduction to Biology II (3)*

7-8

Science Electives continued*	AS Credits
<ul style="list-style-type: none"> • BIOL 172L - <i>Introduction to Biology II Lab</i> (1) • BIOL 200 - <i>Coral Reefs</i> (3) • BIOL 265 - <i>Ecology and Evolutionary Biology</i> (3) • BIOL 265L - <i>Ecology and Evolutionary Biology Lab</i> (1) • BIOL 275 - <i>Cell and Molecular Biology</i> (3) • BIOL 275L - <i>Cell and Molecular Biology Lab</i> (2) • BOT 101 - <i>General Botany</i> (3) • BOT 101L - <i>General Botany Lab</i> (1) • BOT/HWST 105 - <i>Mea Kanu: Hawaiian Plants and their Uses</i> (3) • BOT 130 - <i>Plants in the Hawaiian Environment</i> (3) • BOT 130L - <i>Plants in the Hawaiian Environment Lab</i> (1) • CE 270*** - <i>Applied Mechanics I (Statics)</i> (3) • CE 271*** - <i>Applied Mechanics II (Dynamics)</i> (3) • ERTH 101 - <i>Introduction to Geology</i> (3) • ERTH 101L - <i>Introductory Geology Lab</i> (1) • ERTH 103 - <i>Geology of the Hawaiian Islands</i> (3) • EE 211*** - <i>Basics Circuit Analysis I</i> (4) • EE 213*** - <i>Basics Circuit Analysis II</i> (4) • EE 296*** - <i>Sophomore Project</i> (3) • GEO 101 - <i>The Natural Environment</i> (3) • GEO 101L - <i>The Natural Environment Lab</i> (1) • ICS 111 - <i>Introduction to Computer Science I - Java</i> (4) • MICR 130 - <i>General Microbiology</i> (3) • MICR 140L - <i>General Microbiology Lab</i> (2) • OCN 101 - <i>Marine Option Program Seminar</i> (1) • OCN 102 - <i>Introduction to the Environment and Sustainability</i> (3) • OCN 201 - <i>Science of the Sea</i> (3) • OCN 201L - <i>Science of the Sea Lab</i> (1) • PHYS 151 - <i>College Physics I</i> (3) • PHYS 151L - <i>College Physics I Lab</i> (3) • PHYS 152 - <i>College Physics II</i> (3) • PHYS 152L - <i>College Physics II Lab</i> (1) • PHYS 274*** - <i>General Physics III</i> (3) • PHYL 141 - <i>Human Anatomy and Physiology I</i> (3) • PHYL 141L - <i>Human Anatomy and Physiology I Lab</i> (1) • PHYL 142 - <i>Human Anatomy and Physiology II</i> (3) • PHYL 142L - <i>Human Anatomy and Physiology II Lab</i> (1) • SCI 295V - <i>Science, Technology, Engineering, and Mathematics (STEM) Research Experience</i> (1-3) • ZOOL 200 - <i>Marine Biology</i> (3) • ZOOL 200L - <i>Marine Biology Lab</i> (1) • Other approved courses 	7-8

Other Electives

AS Credits
<ul style="list-style-type: none"> • Any courses, including courses from the above Science Electives list. • If you plan to transfer to a 4-year UH institution, we recommend that you take courses that fulfill the WI requirements, courses that fulfill the Hawaiian or Second Language (HSL) requirement, and/or courses that fulfill the additional DA/DH/DL and DS requirement. The additional DA/DH/DL course should be of a different group from the one used to fulfill the DA/DH/DL diversification requirement. The additional DS course should be of a different discipline from the one used to fulfill the DS diversification requirement.

7-8

MINIMUM CREDITS REQUIRED

60

* A grade of "C" or higher must be earned in all program-required courses and science electives; minimum 2.0 GPA.

** General Education Requirements for the AA degree are listed under *DEGREES AND CERTIFICATES*.

Liberal Arts Academic Subject Certificates

ASIAN STUDIES

LIAISON: Patrick Patterson (808-845-9417, ppatters@hawaii.edu)

DESCRIPTION: Honolulu Community College offers students the opportunity to study the cultures of Asia in an interdisciplinary program leading to an Academic Subject Certificate in Asian Studies. This academic credential is included on student transcripts and can be the first step toward employment in a variety of professional and academic fields. To receive this credential, the student must complete ASAN 100 and 12 further credits of Asian Studies-related academic coursework within their overall transcript from the following list of classes:



REQUIREMENTS: ASIAN STUDIES ACADEMIC SUBJECT CERTIFICATE *

	ASC Credits
ASAN 100 - Asian Perspectives (3) - required	3



ASIAN STUDIES
ASAN

Select 12 credits from the following electives:

Anthropology

- *ANTH 200 - Cultural Anthropology (3)*

Asian Studies

- *ASAN 201- Introduction to Asian Studies: East Asia (3)*
- *ASAN 202- Introduction to Asian Studies: South/South East Asia (3)*
- *ASAN 250- Asian Politics Since 1900 (3)*
- *ASAN 296C- Asian Popular Culture (3)*

East Asian languages and literature

- *EALL 271 Japanese Literature in Translation (Traditional) (3)*
- *EALL 272 Japanese Literature in Translation (Modern) (3)*

English

- *ENG 257M Cross-Cultural Perspectives (3)*
- *ENG 271 Japanese Literature in Translation (Traditional) (3)*
- *ENG 272 Japanese Literature in Translation (Modern) (3)*

History

- *HIST 241 Civilizations of Asia I (3)*
- *HIST 242 Civilizations of Asia II (3)*
- *HIST 246 The Vietnam War (3)*

12

Japanese

- *JPN 101 Elementary Japanese I (4)*
- *JPN 102 Elementary Japanese II (4)*
- *JPN 201 Intermediate Japanese I (4)*
- *JPN 202 Intermediate Japanese II (4)*

Korean

- *KOR 101 Elementary Korean I (4)*
- *KOR 102 Elementary Korean II (4)*
- *KOR 201 Intermediate Korean I (4)*
- *KOR 202 Intermediate Korean II (4)*

Philosophy

- *PHIL 102 Introduction to Philosophy: Asian Tradition (3)*

Political Science

- *POLS 120 Introduction to World Politics (3)*
- *POLS 250 Asian Politics Since 1900 (3)*

Religion

- *REL 203 Understanding Chinese Religions (3)*
- *REL 204 Understanding Japanese Religions (3)*
- *REL 207 Understanding Buddhism (3)*

Sociology

- *SOC 212 Introduction to the Sociology of Japan (3)*

12

Minimum Credits Required:

15

* A grade of "C" or higher must be earned for all courses required in the certificate. Up to 6 credits of Asian language courses may be used for this certificate.

** A total of 3 credits from ASAN 100 and 12 credits from other listed Asia-related courses is required.

COMMUNICATION

LIAISON: Karadeen Kam-Kalani (808-845-9208, kamkara@hawaii.edu)

DESCRIPTION: The ability to communicate effectively is one of the most highly sought skills by employers. Honolulu Community College offers its students the opportunity to study interpersonal communication in a program leading to an Academic Subject Certificate in Communication (COM-ASC). This credential is included on student transcripts and can give students the competitive edge they need for gainful employment in the private, government, or non-profit sectors.

To receive this credential, students must complete a minimum of 12 credits in Speech courses with a "C" grade or higher.



REQUIREMENTS: COMMUNICATION ACADEMIC SUBJECT CERTIFICATE *

Core Requirements

- | | |
|---|-------------|
| <i>SP 151 - Personal and Public Speech</i> | ASC Credits |
| <i>SP 251 - Principles of Effective Public Speaking</i> | 3 |
| | <hr/> 3 |
| | <hr/> 6 |

Electives

Choose 6 credits from the following Electives:

- *SP 253 - Argumentation and Debate (3)*
- *SP 290 - Interviewing (3)*
- *SP 170 - Introduction to Nonverbal Communication (3)*
- *SP 181 - Introduction to Interpersonal Communication (3)*

ASC Credits

6

ASC Credits

6

6

Minimum Credits Required:

12

* A grade of "C" or higher must be earned for all other courses required in the certificate.



ENTREPRENEURSHIP

LIAISON: Coty Gonzales (808-845-9252, coty@hawaii.edu)

DESCRIPTION: Honolulu Community College offers its students the opportunity to study Entrepreneurship in a program leading to an Academic Subject Certificate in Entrepreneurship. The certificate is built around three existing general education courses and four one-credit new entrepreneurship (ENT) courses, for a total of 13 credits. Course topics include marketing, social media, innovation, finance, and business writing. Students will also be required to participate in a one-credit practicum or short-term internship to gain professional business experience. The ASC credential will be included on student transcripts and can be the first step toward exposing students to entrepreneurship.

To receive this credential, students must complete ENG 100, SP 151, PSY 180, ENT 195A, 195B, 195C, and 195V. A grade of "C" or higher must be earned for all courses required in the certificate.

REQUIREMENTS: ENTREPRENEURSHIP ACADEMIC SUBJECT CERTIFICATE *

General Education Requirements

ENG 100 - Composition I
SP 151 - Personal & Public Speech
PSY 180 - Psychology of Work

ASC Credits

<i>ENG 100 - Composition I</i>	3
<i>SP 151 - Personal & Public Speech</i>	3
<i>PSY 180 - Psychology of Work</i>	3
<hr/>	<hr/>
	9

Core Requirements

ENT 195A - Social Media Marketing
ENT 195B - Entrepreneurship and Communication
ENT 195C - Financial Management for Entrepreneurs
ENT 195V - Entrepreneurship Experiences

ASC Credits

<i>ENT 195A - Social Media Marketing</i>	1
<i>ENT 195B - Entrepreneurship and Communication</i>	1
<i>ENT 195C - Financial Management for Entrepreneurs</i>	1
<i>ENT 195V - Entrepreneurship Experiences</i>	1
<hr/>	<hr/>
	4

Minimum Credits Required:

13

*

A grade of "C" or higher must be earned for all other courses required in the certificate.



MARINE OPTION PROGRAM

LIAISON: Michelle Nathan (808-844-2316, mhw@hawaii.edu)

DESCRIPTION: Honolulu Community College offers its students from any background or degree program the opportunity to study the ocean and other marine related topics leading to an Academic Subject Certificate in the Marine Option Program. This academic certificate is included on student transcripts and can enhance student success in obtaining employment in any occupation where enhanced ocean awareness is applicable.



To receive this certificate, the student must complete the required courses in the Introductory Seminar Course, Ocean Survey Courses, Ocean-Related Courses, and Experiential Project/internship categories. They must also present their experiential project or internship at the annual MOP Symposium held every April. A grade of "C" or higher must be earned for all courses required in the certificate.

REQUIREMENTS: MARINE OPTION PROGRAM ACADEMIC SUBJECT CERTIFICATE

Introductory Seminar Course

OCN 101 - Marine Option Program Seminar

ASC Credits

<hr/>	1
1	

Ocean Survey Courses

Complete 1 of the following:

OCN 201 - Science of the Sea (3) or

ZOOL 200 - Marine Biology (3)

**The course not used to fulfill the Ocean Survey Courses category can be used to fulfill Ocean-Related Elective credits.*

ASC Credits

3

3



Ocean-Related Courses	ASC Credits
Choose 6 credits from the following:	
<ul style="list-style-type: none"> • AEC 236 - Introduction to Sustainability (3) • AG 100 - Introduction to Agricultural Sciences (3) • ATMO 101 - Introduction to Meteorology (3) • ATMO 101L - Introduction to Meteorology Lab (1) • BIOC 141 - Fundamentals of Biochemistry (3) • BIOC 142 - Elements of Biochemistry (3) • BIOL 123 - Hawaiian Environment Science (3) • BIOL 124 - Environment and Ecology (3) • BIOL 124L - Environment and Ecology Lab (1) • BIOL 171 - Introduction to Biology I (3) • BIOL 171L - Introduction to Biology I Lab (1) • BIOL 172 - Introduction to Biology II (3) • BIOL 172L - Introduction to Biology II Lab (1) • BIOL 200 - Coral Reefs (3) • BIOL 265 - Ecology and Evolutionary Biology (3) • BIOL 265L - Ecology and Evolutionary Biology Lab (1) • BIOL 275 - Cell and Molecular Biology (3) • BIOL 275L - Cell and Molecular Biology Lab (1) • BOT 105 - Mea Kanu: Hawaiian Plants & Their Uses (3) • BOT 130 - Plants in the Hawaiian Environment (3) • CHEM 100 - Chemistry and Society (3) • CHEM 100L - Chemistry and Society Lab (1) • ENG 257E - Wild Writing: Environmental and Ecological Non-Fiction (3) • ENG 257P - Literature and the Sea (3) • EARTH 101 - Introduction to Geology (3) • EARTH 101L - Introductory Geology Laboratory (1) • EARTH 103 - Geology of the Hawaiian Islands (3) • GEO 101 - The Natural Environment (3) • GEO 101L - The Natural Environment Lab (1) • GEO 102 - World Regional Geography (3) • GEO 122 - Geography of Hawaii (3) • HIST 296E - World Environmental History (3) • HWST 107 - Hawaii: Center of the Pacific (3) 	3

Ocean-Related Courses	ASC Credits
Choose 6 credits from the following continued:	
<ul style="list-style-type: none"> • HWST 110 - Huakai Waa: Introduction to Hawaiian Voyaging (3) • HWST 110L - Waa Hookele: Hawaiian Sailing Canoes Lab (1) • HWST 207 - Malama Ahupuaa: Hawaiian Perspectives in Ahupuaa (3) • HWST 281 - Hookele I: Hawaiian Astronomy and Navigation (3) • HWST 281L - Hookele I: Hawaiian Astronomy and Navigation Lab (1) • HWST 282 - Hookele II: Hawaiian Voyaging and Seamanship (3) • HWST 282L - Hookele II: Hawaiian Voyaging and Seamanship Lab (1) • OCN 102 - Introduction to Environment and Sustainability (3) • OCN 201 - Science of the Sea (3) • OCN 201L - Science of the Sea Lab (1) • ZOOL 200 - Marine Biology (3) • ZOOL 200L - Marine Biology (1) 	3
	6

Experiential Project/Internship	ASC Credits
SCI 295V - STEM Research Experience (1-3)	2
	2

Minimum Credits Required: **12**

* A grade of "C" or higher must be earned for all courses required in the certificate.

PSYCHOLOGY

LIAISON: Coty Gonzales (808-845-9252, coty@hawaii.edu)

DESCRIPTION: Honolulu Community College offers its students the opportunity to study Psychology in a program leading to an Academic Subject Certificate in Psychology. This academic credential is included on student transcripts and can be the first step toward employment in a variety of professional and academic fields related directly or indirectly to Psychology.

To receive this credential, students must complete Survey of Psychology, Survey of Research Methods, Statistical Techniques, and one course each from three of four Foundation areas: Experimental, Psychobiology, Developmental, and Social or Personality. In addition, students must complete one elective course in Psychology. A grade of "C" or higher must be earned for all courses required in the certificate

REQUIREMENTS: PSYCHOLOGY ACADEMIC SUBJECT CERTIFICATE *

Core Requirements

- PSY 100 - Survey of Psychology*
- PSY 212 - Survey of Research Methods*
- PSY 225 - Statistical Techniques*



ASC Credits

3
3
3
<hr/> 9

One Course from three of four Psychology Foundation Areas:

Experimental

- PSY 220 - Behavioral Psychology (3)*

ASC Credits

9

Psychobiology

- PSY 230 - Introduction to Psychobiology (3)*

Developmental

- PSY 240 - Developmental Psychology (3)*

Social or Personality

- PSY 250 - Social Psychology (3)*
- or PSY 260 - Psychology of Personality (3)*

ASC Credits

9

Electives

Choose 3 credits from the following Electives:

(Elective courses may also include any Psychology course not taken to fulfill the Psychology Foundation Area requirement.)

- *PSY 180 - Psychology of Work (3)*
- *PSY 270 - Introduction to Clinical Psychology (3)*

ASC Credits

3

3

21

Minimum Credits Required:

- * A grade of "C" or higher must be earned for all courses required in the certificate. At least 12 credits applied to the certificate must be completed at Honolulu Community College.

SUSTAINABILITY

LIAISON: Michelle Nathan (808-844-2316, mhw@hawaii.edu)

DESCRIPTION: The Academic Subject Certificate in Sustainability requires a minimum 13 credits and maximum 15 credits, depending if students take lab classes. All courses must be Sustainability Focused (SF) to apply for certificate. Honolulu Community College currently offers a sufficient number and range of Sustainability Focused courses to provide an academically rigorous certificate. New courses are certified each academic year.



REQUIREMENTS: SUSTAINABILITY ACADEMIC SUBJECT CERTIFICATE

- 3 credits required in Natural Sciences
- 3 credits required in Hawaiian Studies
- 3 credits required from other disciplines (e.g. Humanities, Social Sciences, Language Arts, CTE programs)
- 3 credits – additional class from any of these three areas (this can also include an SF course from another UHCC campus)
- 1 credit – capstone experience

Some SF courses can be used to meet more than one of the categories (e.g. Humanities or Hawaiian Studies) but no course can be applied to two categories; in other words, a course counts only once in fulfilling certificate requirements.

The capstone component is 1 credit. There are three options:

- * Research Projects. Students identify a research project and a faculty member who has experience teaching courses with any sustainability designation to oversee the work. These can be research projects related to an academic research topic, campus programs or campus operations.
- * Service Learning Projects. Students create a service learning plan related to sustainability efforts on campus or in the community, and identify a faculty member to oversee the work.
- * Internship. Students identify an internship commitment related to sustainability in Hawai'i, and a faculty member to oversee the work.

- All options require students to identify a faculty member to oversee their completion of the capstone experience. All three options must be approved either by the Sustainability Designation Review Committee or a Sustainability Coordinator.
- The 1 credit option will be pass/no pass; it will not be graded.
- Students must complete the capstone requirement after completing all other certificate requirements or during semester when last course requirement is taken.

Courses fulfilling Sustainability Focused (SF) requirements can come from across the curriculum. Specific course sections are approved to receive an SF designation by the Sustainability Designation Review Committee. Approved course sections are identified with an S- before the course titles (e.g., GEO 101 S-The Natural Environment). The list of approved SF classes, which can be applied to the ASC, can be found on the College Sustainability site (www.honolulu.hawaii.edu/academics/sustainability-courses/).



HonCC Staff Senate Executive Council Sponsored Bonsai Event



SPECIAL PROGRAMS & COURSES

SPECIAL PROGRAMS & COURSES

APPRENTICESHIP & JOURNEYWORKER TRAINING

CONTINUING EDUCATION & TRAINING

COOPERATIVE EDUCATION

DISTANCE EDUCATION

EMERITUS COLLEGE

EXPERIMENTAL COURSES

FUJIO MATSUDA TECHNOLOGY
TRAINING & EDUCATION CENTER

HONOLULU CC ENGLISH LANGUAGE
LEARNER OPTIONS (HELLO)

LEARNING COMMUNITY

PACIFIC CENTER FOR ADVANCED
TECHNOLOGY TRAINING (PCATT)

PEARL HARBOR APPRENTICESHIP TRAINING

PROFESSIONAL & CAREER EDUCATION
FOR EARLY CHILDHOOD (PACE)

ROTC CLASSES

RUNNING START/DUAL ENROLLMENT

SERVICE LEARNING COURSES

SPECIAL STUDIES

SUSTAINABILITY DESIGNATION CLASSES

SPECIAL PROGRAMS & COURSES

APPRENTICESHIP & JOURNEY WORKER TRAINING

COORDINATORS: James Niino (jniino@hawaii.edu)

Guy Shibayama (guyts@hawaii.edu)

PHONE: 808-845-9245

WEBSITE: www.honolulu.hawaii.edu/apprenticeship

The Apprenticeship Training program provides related instruction to those on O'ahu who are apprenticing in various construction and mechanical trades. In addition, training opportunities may be offered to journey workers to upgrade their skills and obtain job-related certifications.

Upon completion of an approved apprenticeship program, work process and related instruction hours may be applied to an Associate degree. (See Applied Trades Program).

Courses are offered during weekday evenings and Saturday mornings in the following occupational areas:

Boilermaker	Drywall Taper	Painter
Bricklayer Mason	Electrician	Plasterer
Building Maintenance (Hotel Workers)	Elevator Constructor	Plumber
Carpenter	Fire Sprinkler Fitter	Refrigeration & Air Conditioning Fitter
Cement Finisher	Floor Layer	Roofer
Ceramic Tile Setter	Glazier	Sheet Metal Worker
City and County Water Supply	Heat/Frost Insulator & Allied Workers	Steam Fitter Welder
City and County Waste Water	Ironworker (Fabricator)	Telecommunications Installer/
City and County Electrical Maintenance	Ironworker (Reinforcing Steel)	Technician
Construction Craft Laborer	Ironworker (Structural)	
Drywall, Acoustic and Lathe Workers	Operating Engineer	

(See also Pearl Harbor Apprenticeship Training in this section)

COST OF TEXTBOOKS/SUPPLIES: Varies by apprenticeship program.

ADVISORY COMMITTEE:

Apprenticeship programs are guided by their individual Apprenticeship Committees. These committees identify the knowledge and skills needed in their career fields and specify on-the-job and classroom training requirements. Current Apprenticeship Committee membership lists are maintained by the State Department of Labor and Industrial Relations.



CONTINUING EDUCATION & TRAINING

REGISTRATION AND INFORMATION: 808-845-9296

EMAIL: honcet@hawaii.edu

WEBSITE: www.honolulu.hawaii.edu/cet

ADDRESS: 874 Dillingham Blvd., Bldg. 2, Rm. 507

Continuing Education Staff: Brandi Takayama, Mel Yonemoto

Continuing Education opportunities are available in a wide range of programs, courses, and services to meet the needs of business and industry as well as the community and special groups. Honolulu Community College has expertise in more than 25 specialty areas offered at the college. These topics can be delivered on-campus or on-site in short, flexible training units. Contracts can be arranged for customized training. Recent training delivered to businesses and organizations are as varied as business writing, marine welding, and introduction to Linux. Contact us and we will work with you to meet your training needs.

COST OF TEXTBOOKS/SUPPLIES: Varies, depending on the course.

COORDINATORS:

Cyndi Uyehara, Early Childhood Education

Daniel Doerger, Trades, Communications and Services Programs, New Initiatives



COOPERATIVE EDUCATION

LIAISON: Kristi Teruya

EMAIL: teruyak@hawaii.edu

PHONE: 808-845-9204

WEBSITE: www.honolulu.hawaii.edu/career

PEARL HARBOR APPRENTICESHIP PROGRAM COORDINATOR: Sharleen Nakamoto Levine

EMAIL: snnl@hawaii.edu

PHONE: 808-845-9426

WEBSITE: <https://www.navsea.navy.mil/Home/Shipyards/PHNS-IMF/Careers/Apprenticeship/>



Photo by: Marshall Fukukawa, U.S. Navy

Cooperative Education provides students the opportunity to acquire on the job experience in conjunction with classroom and laboratory instruction. Cooperative Education is offered in both Career Technical Education and Liberal Arts areas. Written instructor approval is required for registration.

Cooperative Education is provided by Honolulu Community College and not by the officials of the field site. There is regular interaction between the Cooperative Education Coordinator and the student. Appropriate assignments, as determined by the Cooperative Education Coordinator, are required for completion of the course. A standard College grading system is utilized. Five hours per week or 75 hours of work per semester are required for each credit.

STUDENT LEARNING OUTCOMES: Upon completion of the Cooperative Education course, students will be able to:

1. Secure Job Placement. The student will obtain a position with a company that is related to his/her major and perform a minimum of 75 hours of work per semester for each credit. This learning outcome will be assessed by:
 - a. Cooperative Education Student Application Form
 - b. Resume, Cover letter, and list of potential employers
 - c. Cooperative Education Agreement

2. Evaluate Personal Assessment. The student will demonstrate an understanding of personal abilities and skills with an awareness of the impact of abilities and skills on career development and academic achievement. This learning outcome will be assessed by:
 - a. Mid Term Report
 - b. Student Evaluation of Cooperative Education Experience
 - c. Learning Outcome Paper(s)
3. Demonstrate Job Performance. As part of a team, the student will perform all duties required at the cooperative education work site, demonstrating positive work habits and using appropriate procedures, tools and equipment, consistent with all applicable standards and OSHA regulations. This learning outcome will be assessed by:
 - a. Student Time Sheet
 - b. Employment Supervisor's Evaluation of Cooperative Education

COOPERATIVE CAREER TECHNICAL EDUCATION will provide the student with the opportunity to acquire an on-the-job experience in conjunction with classroom and laboratory instruction. The relevance of classroom instruction to the real world is emphasized. The Cooperative Education Employer pays a fair wage for each hour of work performed in the program.

Courses available in Cooperative Career Technical Education are AEC 193V, AJ 193V, AMT 93V, APTR 193V, CA 193V, CSNT 290V, CSNT 293V, COSM 93V, EIMT 93V, FIRE 193V, and OESM 193V, SMP 93V. Students can enroll 4 times for credit up to a maximum of 12 credits.

Students accepted in a Federal Cooperative Education program, such as the Pearl Harbor Apprenticeship Program, may receive up to 12 credits in WORK 194V (WORK 194V is repeatable for credit with instructor approval). During the Work Cycle, students are assigned work experiences related to academic studies or career goals. Courses available in Cooperative Career Technical Education for the Pearl Harbor Apprenticeship Program Applied Trades A.A.S. degree are: AMST 202, ENG 100, IEDD 101, MATH 50, MATH 150, PHYS 105P, PSY 180, SP 251, and WORK 194V.

COOPERATIVE ARTS AND SCIENCES EDUCATION will provide practical work experience in specific liberal arts areas to investigate various types of jobs. Students are placed in employment situations in the private and public sectors of the business-industrial community. Emphasis is on job experience, but equal importance is attached to the development of social and personal habits, attitudes, and skills which are essential for job entry and advancement.

Courses available in Cooperative Arts and Sciences Education are HUM 193V, SCI 193V, and SSCI 193V which carry 1–4 credits per term. Students may enroll 4 times for a maximum of 12 credits. These courses do not fulfill General Education requirements for the A.S. degree nor do they fulfill A.A. core requirements.

DISTANCE EDUCATION

COORDINATOR: TBD

WEBSITE: www.honolulu.hawaii.edu/distance

Courses for credit may be taken from the convenience of home through online course offerings, thereby reducing or eliminating the need to be on campus. Distance education instructors use a variety of media to communicate with the student. Students enrolled in a Distance Education course must email their instructor by the end of the first day of the semester.

Students must have high-speed Internet access, laptop or desktop computer, up-to-date web browser (like Firefox or Safari), PDF reader software, and word processing software. Students should also have basic computer proficiency skills including word processing and file uploading/downloading to and from the Internet. Students must use their UH email account to communicate with their instructor. Interaction between student and faculty is primarily via Laulima (laulima.hawaii.edu) and email. Please refer to www.honolulu.hawaii.edu/distance for information and assistance.



EMERITUS COLLEGE

INFORMATION & REGISTRATION: 808-845-9296

EMAIL: honcet@hawaii.edu

WEBSITE: pcatt.org/emeritus

The Emeritus College offers a wide-range of Continuing Education workshops in the area of electronic computerized education for adult learners age 55 and above. The Program, led by a Team of skilled volunteer instructors, accommodates both first-time users with little or no experience, as well as computer-savvy individuals who are interested in learning new skills. Workshops are held in the comfort of the Emeritus College Computer Lab. Course offerings include workshops that familiarize participants with introductory computer skills, such as Windows 10 and Microsoft Edge, and a variety of Specialty-type courses including the popular iPhone/iPad Basics class. Emeritus Club Members receive exclusive benefits that include access to the Open Computer Lab and the members-only iPhone/iPad App Club.



EXPERIMENTAL COURSES

Experimental courses are provisional courses offered on a trial basis, and are designated by the numbers 97, 98, 197, 198, 297, 298, 397, or 398. An experimental course can be offered for up to two years and shall expire after the two years unless a request to extend the course or grant permanent status has been approved. An experimental course may or may not be transferable.



FUJIO MATSUDA TECHNOLOGY TRAINING & EDUCATION CENTER

LIAISON: TBD (808-845-9187)

The Fujio Matsuda Technology Training and Education Center at Honolulu CC provides leadership and training in advanced technologies, such as in applied engineering, robotics and social media, while providing opportunities to partner with businesses for early stage entrepreneurship idea development. Its goal is to enhance the knowledge base of such advanced technology with students, faculty and staff, and the surrounding community.



HONOLULU CC ENGLISH LANGUAGE LEARNER OPTIONS (HELLO)

LIAISON: Continuing Education & Training Office
(808-845-9296, Building 2-507, honcet@hawaii.edu)

WEBSITE: www.honolulu.hawaii.edu/hello

HELLO non-credit courses at two different levels are designed to help resident immigrants improve their language skills for college and/or work. Instruction in reading/vocabulary, writing/grammar, and listening/speaking is provided 15 hours weekly for 7 weeks.



LEARNING COMMUNITY

LIAISON: TBD

WEBSITE: www.honolulu.hawaii.edu/lc

A Learning Community (LC) is the linking of two or more courses to encourage collaborative learning. Students and faculty become an 'Ohana that work closely together to foster a deeper mutual understanding of course content, and create an enhanced classroom learning environment that is more engaging academically and socially.



BENEFITS OF BEING A PART OF A LEARNING COMMUNITY: Students work closely with their classmates and develop lasting friendships. LC students complete courses and persist at a higher rate than students not in LC. LC students are more likely to become involved in organized activities and to talk informally with other students.

LEARNING COMMUNITY CLASSES: The Learning Community courses are co-requisites and must be taken during the same term. Students will not be able to take one course without the other.

PACIFIC CENTER FOR ADVANCED TECHNOLOGY TRAINING (PCATT)

PCATT DIRECTOR: Daniel Doerger

PHONE: 808-845-9296

EMAIL: pcatt@hawaii.edu

WEBSITE: www.pcatt.org

PCATT STAFF: Monir Hodges, Wayne Lewis, Reid Nakaichi

PACIFIC CENTER FOR ADVANCED TECHNOLOGY TRAINING



The Pacific Center for Advanced Technology Training (PCATT) is a consortium of the University of Hawai'i Community Colleges headquartered at Honolulu Community College. The mission of PCATT is to provide leadership and training in advanced technologies to enhance economic and workforce development programs and initiatives in the State of Hawai'i and Pacific Rim. Industry partnerships with AWS Cisco, Microsoft, Oracle, and VMware provide certified, leading edge training in advanced technologies. Training in 3D printing, virtualized welding, mobile applications, and green technologies illustrate the breadth of expertise beyond IT. PCATT also offers customized training with regard to content and schedule.

PCATT Professional Test Center

LIAISON: Continuing Education & Training Office

PHONE: 808-845-9296

EMAIL: honcet@hawaii.edu

WEBSITE: pcatt.org/about

The PCATT Professional Test Center offers services for professional and high stakes certification, licensure, and pre-employment screening for:

PEARSON VUE TESTING CENTER:

<https://home.pearsonvue.com>



KRYTERION

<https://www.kryteriononline.com>

PEARL HARBOR APPRENTICESHIP TRAINING

COORDINATOR: Sharleen Nakamoto Levine

PHONE: 808-845-9426

EMAIL: snnl@hawaii.edu

WEBSITE: <https://www.navsea.navy.mil/Home/Shipyards/PHNS-IMF/Careers/Apprenticeship/>

APPLICATION WEBSITE: www.usajobs.gov

(Pearl Harbor Apprenticeship positions are posted each year at www.usajobs.gov. The postings vary each year. Pearl Harbor Shipyard will advertise when positions are available.)

The primary purpose of the Pearl Harbor Naval Shipyard (PHNSY) Apprenticeship Program is to provide highly skilled journey workers and future leaders in government. Apprenticeships are available periodically as determined by employment needs.

PHNSY apprentices receive well-rounded academic study through Honolulu Community College held at the Pearl Harbor Naval Shipyard Training Facility, and paid structured work experience at the Shipyard which is applied toward an Associate in Applied Science (A.A.S.) degree. See Applied Trades.



Photo by: Kristin Ching, U.S. Navy.

PROFESSIONAL AND CAREER EDUCATION FOR EARLY CHILDHOOD (PACE)

COORDINATOR: Cyndi Uyehara

PHONE: 808-845-9496

EMAIL: pacehon@hawaii.edu

WEBSITE: www.honolulu.hawaii.edu/pace

The Early Childhood option includes a non-credit program, PACE (Professional and Career Education for Early Childhood). PACE Workshops are geared to meet training and enrichment needs of early childhood practitioners statewide. Four core introductory courses (ECED 105, ECED 110, ECED 131 & ECED 140) and two electives (ECED 152 and ECED 170) from Honolulu CC's Early Childhood Education program are offered in a non-credit workshop format of sixteen 3-hour workshop sessions. The workshops can be taken in any order. Participants who complete all sixteen workshops in a course and with a score of 70% or better on the capstone assignment and assessment, are eligible for Community College credit. These workshops may be used for CDA teacher training hours, DHS training hours, and when converted to credit may be used towards the Associate Degree in ECE.

PACE workshops are offered in various places on O'ahu, on Zoom (synchronous) and Laulima (ECED 170 is available asynchronously).

Courses:

ECED 105 Introduction to Early Childhood Education

ECED 110 Developmentally Appropriate Practices

ECED 131 Early Childhood Development

ECED 140 Guiding Young Children in Group Settings

ECED 152 Early Literacy Development

ECED 170 Introduction to Working with Infants and Toddlers



ROTC CLASSES

ARMY ROTC: 808-956-7744, <https://manoa.hawaii.edu/undergrad/armyrotc/>
AIR FORCE ROTC: 808-956-7734, <https://manoa.hawaii.edu/undergrad/airforcerotc/>

Students have the convenience of registering for UH Mānoa Army ROTC (Reserve Officer Training Corps) and Air Force ROTC classes through Honolulu Community College. 100 and 200 level courses are available.

ROTC is an elective curriculum taken along with required college classes and students receive classroom instruction and field training to conduct missions as an Officer. ROTC offers many different scholarship opportunities for students.

COURSES:

Army ROTC - Military Science and Leadership (MSL)
Air Force ROTC - Aerospace Sciences (AS)



RUNNING START

HONOLULU CC COUNSELOR: Jean Maslowski

PHONE: 808-845-9278

EMAIL: maslowsk@hawaii.edu

WEBSITE: <https://www.hawaii.edu/dualcredit/running-start/>

Running Start is a statewide program that provides an opportunity for academically qualified public high school students to enroll in college classes through the University of Hawai'i system and earn both high school and college credits in accordance with Hawai'i Revised Statute §302A-401 Dual Credit Program.. This program is a unique partnership between the Department of Education and nine UH campuses (UH Hilo, UH West Oahu, Hawai'i CC, Honolulu CC, Kapi'olani CC, Kaua'i CC, Leeward CC, Maui College and Windward CC). Running Start can provide enriching educational options for talented and motivated high school students.



SERVICE LEARNING COURSES

Some courses offer a service learning option. Service-Learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities.

Service Learning:

- Is a method whereby students learn and develop through active participation in thoughtfully organized service that is conducted in and meets the needs of communities;
- Is coordinated with an elementary school, secondary school, institution of higher education, hospitals or community service program/agency and the community;
- Helps foster civic responsibility;
- Is integrated into and enhances the academic curriculum of the students, or the education components of the service programs in which the participants are engaged in; and,
- Provides structured time for students or participants to reflect on the service experience.



SPECIAL STUDIES

99V/199V/299V/399V Special Studies Classes (1–4 credits)

Special Studies classes offer students with special interest and abilities in subject areas an opportunity to meet with faculty members to discuss and investigate topics of particular interest. Problems and unit credit are worked out with and at the discretion of the instructor. Special Studies sections will be organized as needed in each department and identified by the discipline departmental name e.g., POLS 199V.



SUSTAINABILITY DESIGNATION CLASSES

Sustainability Designation Classes (S-Focused and S-Related)

Some Honolulu Community College classes offered are designated as sustainability-related or sustainability focused. Sustainability designated classes expose students to some core concepts of sustainability and their application to issues such as climate change, social justice, biodiversity, as well as the transition of Hawai'i's food, water, energy, and transportation systems to more sustainable delivery models.

This designation is indicated in the explanatory notes for the class as listed on Banner (Class Availability site). Sustainability-Related courses introduce topics of sustainability through assignments and content, addressing sustainability issues through distinct course components or emphasizing a sustainability principle or issue throughout the course. Sustainability-Focused courses embody sustainability as a core requirement, and the course concentrates on sustainability topics, issues, and principles, including social, economic, and environmental dimensions, and/or will examine course content using sustainability as a lens.

Sustainability-related classes are offered for students who have an interest in this focus. Taking a sustainability-related class is not required for graduation or as a requirement for any programs. For more information about other sustainability activities and opportunities on campus, visit <http://www.honolulu.hawaii.edu/sustainability>



Celebrate! 2023: HonCC Fundraiser at Honolulu Country Club



COURSE DESCRIPTIONS

ACC	ACCOUNTING	ECED	EARLY CHILDHOOD EDUCATION	KLS	KINESIOLOGY & LEISURE SCIENCE
AJ	ADMINISTRATION OF JUSTICE	ERTH	EARTH SCIENCES	KOR	KOREAN
AERO	AERONAUTICS MAINTENANCE TECHNOLOGY	EALL	EAST ASIAN LANGUAGE & LITERATURE	LING	LINGUISTICS
AS	AEROSPACE STUDIES	ECON	ECONOMICS	MATH	MATHEMATICS
AG	AGRICULTURE	EE	ELECTRICAL ENGINEERING	MICR	MICROBIOLOGY
ASL	AMERICAN SIGN LANGUAGE	EIMT	ELECTRICAL INSTALLATION & MAINTENANCE TECHNOLOGY	MSL	MILITARY SCIENCE & LEADERSHIP
AMST	AMERICAN STUDIES	ENG	ENGLISH	MUS	MUSIC
ANTH	ANTHROPOLOGY	ESL	ENGLISH AS A SECOND LANGUAGE	MELE	MUSIC & ENTERTAINMENT LEARNING EXPERIENCE
APTR	APPLIED TRADES	ENT	ENTREPRENEURSHIP	OESM	OCCUPATIONAL & ENVIRONMENTAL SAFETY MGT.
AEC	ARCHITECTURE, ENGINEERING & CONSTRUCTION TECHNOLOGY	FT	FASHION TECHNOLOGY	OCN	OCEANOGRAPHY
ART	ART	FIRE	FIRE & ENVIRONMENTAL EMERGENCY RESPONSE	PHIL	PHILOSOPHY
ASAN	ASIAN STUDIES	FSHN	FOOD SCIENCE & HUMAN NUTRITION	PHYS	PHYSICS
ASTR	ASTRONOMY	GEO	GEOGRAPHY & ENVIRONMENT	PHYL	PHYSIOLOGY
ATMO	ATMOSPHERIC SCIENCES	HAW	HAWAIIAN	POLS	POLITICAL SCIENCE
ABRP	AUTO BODY REPAIR & PAINTING	HWST	HAWAIIAN STUDIES	PSY	PSYCHOLOGY
AMT	AUTOMOTIVE TECHNOLOGY	HIST	HISTORY	RAC	REFRIGERATION & AIR CONDITIONING TECHNOLOGY
BIOC	BIOCHEMISTRY	HDFS	HUMAN DEVELOPMENT & FAMILY STUDIES	REL	RELIGION
BIOL	BIOLOGY	HSER	HUMAN SERVICES	SCI	SCIENCE
BOT	BOTANY	HUM	HUMANITIES	SMP	SHEET METAL & PLASTICS TECHNOLOGY
BLAW	BUSINESS LAW	IED	INDUSTRIAL EDUCATION	SSCI	SOCIAL SCIENCES
CARP	CARPENTRY TECHNOLOGY	ICS	INFORMATION & COMPUTER SCIENCE	SW	SOCIAL WORK
CHEM	CHEMISTRY	IS	INTERDISCIPLINARY STUDIES	SOC	SOCIOLOGY
CE	CIVIL ENGINEERING	JPN	JAPANESE	SP	SPEECH
CA	COMMUNICATION ARTS	JOUR	JOURNALISM	THEA	THEATRE
CSNT	COMPUTING, SECURITY, & NETWORKING TECH.			WELD	WELDING TECHNOLOGY
COSM	COSMETOLOGY			WGSS	WOMEN, GENDER, & SEXUALITY STUDIES
DISL	DIESEL MECHANICS TECHNOLOGY			WORK	WORK CYCLE
				ZOOL	ZOOLOGY

COURSE DESCRIPTIONS

COURSE DESCRIPTIONS

This section provides course descriptions for all credit courses offered at Honolulu Community College. Courses are listed alphabetically according to discipline, with the exception of Special Studies and Experimental Courses which are described in *SPECIAL PROGRAMS & COURSES*. The first line in the course description identifies the **Course Alpha** (an abbreviation of the subject area), **Course Number**, **Course Title**, number of **Credits** (in parentheses), and **General Education Code**. Additional lines provide any **Course Requirement(s)** for enrollment, the **Course Description**, and **Hours**. Courses may not be offered every semester or every academic year. A schedule of courses offered each semester may be found on the Honolulu CC website (www.honolulu.hawaii.edu) Class Availability link. Further details are provided below.

Course Number:

NUMBERING SYSTEM FOR COURSES:

- 1-99 For classes numbered 1-99, credits generally do not transfer to baccalaureate degree colleges, but are transferable within the UH Community College System and may fulfill requirements for Certificates of Achievement, Competence, and Completion.
- 100-399 For classes numbered 100-399, credits are eligible for transfer to baccalaureate degree institutions including campuses within the University of Hawai'i System. (Transfer is subject to receiving institution's program requirements, therefore students are advised to plan accordingly as early as possible.)

COURSE NUMBERS THAT CONTAIN LETTERS:

- CHEM 100L – “L” is a laboratory class that is companion to a lecture course bearing the same number. In this example, CHEM 100 is the lecture course.
- ENG 257H – “H” is a variation of a course. Course numbers followed by an alpha suffix such as B-K, M-U, and X-Z, are variations of a course, each having a distinctive content such that students may earn credit for each variation taken.
- SCI 193V – “V” is a variable credit course. The number of credits is approved by the instructor prior to registration.

General Education Codes for AA Degree Requirements:

Courses that fulfill Foundation and Diversification requirements for the Associate in Arts (AA) Degree are identified by the following General Education Codes in the Course Descriptions. For lists of Foundation and Diversification courses, see *LIBERAL ARTS DEGREE*. The Honolulu CC Registration Guide website (www.honolulu.hawaii.edu/registration) lists Diversification and Foundation classes offered each semester.

AA DEGREE FOUNDATION REQUIREMENTS:

- FG - Global & Multicultural Perspectives (Group A, B, C)
- FQ - Quantitative Reasoning
- FW - Written Communications

AA DEGREE DIVERSIFICATION REQUIREMENTS:

- | ARTS, HUMANITIES & LITERATURE | NATURAL SCIENCES | SOCIAL SCIENCES |
|-------------------------------|----------------------------|------------------------|
| • DA - The Arts | • DB - Biological Sciences | • DS - Social Sciences |
| • DH - Humanities | • DP - Physical Sciences | |
| • DL - Literature & Language | • DY - Natural Science Lab | |

Select course sections that fulfill Focus requirements for the Associate in Arts (AA) Degree are identified by the following codes in the Honolulu CC Registration Guide website (www.honolulu.hawaii.edu/registration) each semester.

AA DEGREE FOCUS REQUIREMENTS:

Focus Code	Course Title Code	Focus Description
HAP	H-	Hawaiian, Asian and Pacific Issues
HETH	HCC-E-	Contemporary Ethical Issues
WI	WI-	Writing Intensive

Course Requirements:

Some courses require that students meet certain conditions in order to be eligible to enroll. Explanations of the most common of these requirements follow. Additional requirements are listed as comments in the Catalog and on the Honolulu CC website Class Availability link. In exceptional cases, students may be able to enroll in a course even though their computerized record does not show that they meet a required condition. For questions regarding courses, qualifications to meet the prerequisites, co-requisites, etc., and special reasons for exceeding limits, students should see the instructor.

PREREQUISITE: Courses or other background that must be completed prior to enrollment. Prerequisites are REQUIRED for registration. Equivalent courses may also meet requirements (see *CREDITS, GRADES & EXAMINATIONS* for transfer and placement information). If the prerequisite is in ESL; ENG; or MATH, see the *ENGLISH, ESL or MATH SEQUENCE CHARTS* for more information on placement. Courses with higher numbers than the stated prerequisite are usually acceptable unless otherwise stated in the Catalog.

PREREQUISITE OR CO-REQUISITE: Courses that must be taken EITHER before the course or during the same term. REQUIRED for registration.

CO-REQUISITE: Courses that must be taken during the same term. REQUIRED for registration.

RECOMMENDED PREPARATION (RECOMMENDED PREP): Courses or other background recommended for success in a course.

INSTRUCTOR APPROVAL REQUIRED: Courses that require a signed Instructor Approval Card prior to registration. REQUIRED for registration.

MAJORS ONLY: Courses that are restricted to declared majors, and usually those who have met program prerequisites. REQUIRED for registration.

Course Description Definitions:

CROSS-LISTING: Courses with the same content and which meet the requirements of different disciplines/programs. The course number is usually the same, but the course alphas are different. Example: ASAN 241 and HIST 241 Civilizations of Asia. Unless otherwise specified, cross-listed courses count as repeats of one another.

REPEATABLE: Courses that may be taken again after the first successful completion. If the course can be repeated for additional credit, credits will appear on official transcripts up to the limit listed in the course description. Example: "Students may enroll 3 times for a maximum of 9 credits". Students will not be permitted to exceed the credit limit at registration. Also see *REPEATING A COURSE*.

CREDIT/NO-CREDIT (CR/NC): Courses that are graded on the CR/NC system will appear as "Satisfactory Completion" or "No Grade" on transcripts, and grade points will not be computed. Some courses allow students to choose between the CR/NC and Letter Grade systems.

HOURS: Course hours are expressed according to the time frame in which the course is most commonly offered (For example, hours per week, hours per term or total hours in an 8-week period). Hours specified are weekly unless otherwise stated. The same course may be offered in several different formats, e.g. ENG 100 is offered 3 hours per week for a Fall/Spring term, 48 hours condensed into 6 weeks for a Summer term, and 10 weeks for an Off-Campus Education Program term.

More Course Options:

Courses may also be offered with the following options that are identified on the Honolulu CC website (www.honolulu.hawaii.edu) Class Availability link.

- **COOPERATIVE EDUCATION COURSES:** provide on the job experience in conjunction with classroom and laboratory instruction. (See also *COOPERATIVE EDUCATION*.)
- **DISTANCE EDUCATION COURSES:** offer delivery options including cable, online, and a combination of both. Distance Education courses are identified with Room designations "CABLE" or "WWW" in the Honolulu CC Class Availability website. (See also *DISTANCE EDUCATION*.)
- **LEARNING COMMUNITY COURSES:** provide shared learning support for 1st year students by combining two or more courses with a common cohort of students. (See also *LEARNING COMMUNITY*.)
- **SERVICE LEARNING COURSES:** combine service to the community with student learning. (See also *SERVICE LEARNING COURSES*.)

ACCOUNTING (ACC)

ACC 201 INTRO TO FINANCIAL ACCOUNTING (3)

Prerequisite: Placement in ENG 100

An introduction to accounting principles and practices used to record and communicate financial information. Analyze methods for valuing assets, liabilities, and equity of an organization. (3 hrs. lect. per week)

ACC 202 INTRO TO MANAGERIAL ACCOUNTING (3)

Prerequisite: "C" or higher in ACC 201

An introduction to managerial accounting methods for evaluating performance including cost accounting, budgeting, break-even analysis, ratio analysis, standard cost systems, and reporting for internal decision making. (3 hrs. lect. per week)

ADMINISTRATION OF JUSTICE (AJ)

AJ 101 INTRODUCTION TO ADMINISTRATION OF JUSTICE (3)

Prerequisite: Placement in ENG 100

This is a comprehensive course on crime and its causes including the history and philosophy of the administration of justice in America, the development of the criminal justice system, identification of the various subsystems, role expectations and their interrelationships. Theories of crime, punishment, adjudication and rehabilitation and training for professionalism in the entire system are also explored. (3 hrs. lect. per week)

AJ 103 CRIMINAL INVESTIGATION (3)

Prerequisite or Co-requisite: AJ 101

This course covers the basic principles of criminal investigation including: the human aspects of dealing with the public, case preparation, the collection and preservation of physical evidence, crime scene search, fingerprinting, casts, photographs and laboratory assistance. (3 hrs. lect. per week)

AJ 137 PATROL PROCEDURES (3)

Prerequisite or Co-requisite: AJ 101

This course will cover the duties and responsibilities of the patrol divisions of law enforcement agencies. The organization, operation and effectiveness of patrol will be examined and evaluated. The student will become familiar with the various methods departments use to accomplish the patrol mission such as team policing, beat plans and unique solutions like bicycles, all terrain vehicles and aircraft. (3 hrs. lect. per week)

AJ 138 CRIMINAL JUSTICE SYSTEM REPORTS AND COMMUNICATIONS (3)

Prerequisite or Co-requisite: AJ 101

This course will introduce the student to the methods of producing accurate, concise and detailed reports, the processing and the study of communications common to the administration of justice practitioner. This course will involve critical thinking and evaluative writing. (3 hrs. lect. per week)

AJ 139 COMPUTER APPLICATION IN CRIMINAL JUSTICE (3)

Prerequisite or Co-requisite: AJ 101

The student will become familiar with the modern technological advances and applications of the computer relative to investigation, record keeping, crime analysis, trends and patterns. The importance and significance of statistics is stressed and computer aided dispatch is examined. (3 hrs. lect. per week)

AJ 150 CORRECTIONAL PROCESS (3)

Prerequisite or Co-requisite: AJ 101

Provides an overview of the historical development of corrections and the philosophy of punishment. Current correctional institutions such as prisons, detention facilities, and community-based programs and their management and effectiveness will be examined. (3 hrs. lect. per week)

AJ 180 INTRODUCTION TO HOMELAND SECURITY (3)

Prerequisite or Co-requisite: AJ 101

This course provides a history of terrorism, focusing on the terrorists, their motivations and ideologies, and how they operate and execute terrorist attacks. The course examines the current responses to domestic and international terrorism along with analyzing future trends within the global war on terrorism. The course will discuss the theoretical perspectives of terrorism within criminology, criminal justice, sociology, and psychology. The course will present the use of the Internet, improvised explosives, and religious extremism found within modern terrorism. (3 hrs. lect. per week)

AJ 193V COOPERATIVE EDUCATION (1-4)

Prerequisite: Placement in ENG 100

Instructor approval required.

AJ majors only

This course provides students with the opportunity to acquire on-the-job experience related to classroom instruction in Administration of Justice. Students may enroll 4 times for a maximum of 12 credits. Four (4) credits can be applied to AJ elective requirements. (5 hours work experience per week per credit)

AJ 200 PRINCIPLES OF HAWAII JUSTICE SYSTEM (3)

Prerequisite or Co-requisite: AJ 101

This course provides an examination of the basic Fourth, Fifth, and Sixth Amendment procedural principles that govern the interaction of the police and suspects in the investigation of crime. Beginning with the initial encounter, the course will examine the constitutional guidelines developed to regulate police behavior in the areas of investigatory stops, searches and seizures, arrests, interrogations, *Miranda*, and electronic surveillance. The effects of failing to follow these judicially mandated guidelines will also be explored. (3 hrs. lect. per week)

AJ 208 CRIMINOLOGY (3)

Prerequisite or Co-requisite: AJ 101

The course will explore theories of crime causation, its measurement and impact, and overall societal reaction to crime and offenders. The focus is the exploration

of possible programs and policies to achieve a combination of crime reduction and social justice. May be taken on a CR/N basis. (3 hrs. lect. per week)

AJ 210 JUVENILE JUSTICE (3)

Prerequisite or Co-requisite: AJ 101

This course provides the administration of justice student with a basic and practical understanding of the legal principles involved in juvenile delinquency problems. Analysis of legislative and judicial responses to juvenile behavioral problems provide realistic and meaningful insights into the functioning of the juvenile justice processes. (3 hrs. lect. per week)

AJ 220 CONSTITUTIONAL LAW (3)

Prerequisite or Co-requisite: AJ 101

This course provides an overview of the development of the doctrines of federalism, separation of powers, and checks and balances theories as well as judicial review. Specific topics include sources of federal legislative power, commerce, taxing, spending, presidential and military powers, power of states to regulate and tax interstate commerce, preemption, the due process clause of the Fourteenth Amendment, equal protection, and First Amendment rights. Selected Supreme Court cases interpreting the U.S. Constitution are also examined. (3 hrs. lect. per week)

AJ 221 CRIMINAL LAW (3)

Prerequisite or Co-requisite: AJ 101

This course examines society's control of unwanted behavior through law. The particular focus is on the general principles of substantive criminal law. Topics include principles of criminal liability - *actus reus, mens rea*, causation, uncompleted crimes, and criminal defenses. General elements of crimes are covered including crimes against persons, habitation, property, and public order and morals. Applicable provisions of the Hawai'i Penal Code will also be discussed. (3 hrs. lect. per week)

AJ 224 RULES OF EVIDENCE (3)

Prerequisite or Co-requisite: AJ 101

This course is a thorough study of evidence rules with specific emphasis on the application of these rules in preparing and presenting evidence. This includes a discussion of the history and approach to the study of evidence, proof by evidence and substitutes. General admissibility tests, evidence by witness testimony, documents and real evidence are examined. (3 hrs. lect. per week)

AJ 230 PRINCIPLES OF POLICE SUPERVISION (3)

Prerequisite or Co-requisite: AJ 101

This course will cover such essentials as the function of the supervisor in organization and management, elements of leadership, the training function, instructional process, personnel evaluation systems, and personnel complaint investigation and techniques. (3 hrs. lect. per week)

AJ 233 POLICE ORGANIZATION AND MANAGEMENT (3)

Prerequisite or Co-requisite: AJ 101

The principles of organization and administration in the law enforcement community are examined along with such topics as organizational structures, managerial philosophies, personnel issues and leadership. (3 hrs. lect. per week)

AJ 234 POLICE AND COMMUNITY RELATIONS (3)

Prerequisite or Co-requisite: AJ 101

This course acquaints the student with the role of law enforcement in government and the critical importance of effective community relations. The dynamics of race relations and other current social problems directly related to the law enforcement community are explored. This course focuses on attitudes of the public and the law enforcement officer, why these attitudes exist and what can be done to improve the situation. (3 hrs. lect. per week)

AJ 235 ETHICS IN THE CRIMINAL JUSTICE SYSTEM (3)

Prerequisite or Co-requisite: AJ 101

An identification and analysis of the diverse ethical issues encountered in the Criminal Justice System. Traditional ethical theories will be examined and applied to such topics as discretion, plea bargaining, bail, wiretapping, privacy, punishment, and prisoners' rights. (3 hrs. lect. per week)

AJ 280 CURRENT ISSUES IN THE ADMINISTRATION OF JUSTICE (3)

Prerequisite or Co-requisite: AJ 101

This course is an exploration of issues related to the study of the administration of justice. Students will define, select, research, and examine these issues, then discuss the various viewpoints thereby conducting a thorough probe of important and controversial issues facing the justice professions. (3 hrs. lect. per week)

AJ 283 SUBSTANCE ABUSE IN SOCIETY (3)

Prerequisite or Co-requisite: AJ 101

This course covers the historical development of drug enforcement in relation to changing social mores. Emphasis is placed on the detection and identification of illegal drugs and their suppression through enforcement and investigation. Tactics of enforcement will be presented along with a study of pertinent statutory and case law. The effects of rehabilitation and treatment will be explored. May be taken on a CR/N basis. (3 hrs. lect. per week)

AERONAUTICS MAINTENANCE TECHNOLOGY (AERO)

AERO 130 GENERAL AIRCRAFT MAINTENANCE I (7)

*Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 103
Co-requisite: AERO 131*

AERO majors only.

Blueprint reading, mechanical drawing, non-destructive testing, basic heat treating, aircraft ground handling, cleaning and corrosion control,

fundamentals of applied mathematics, use of technical manuals and other maintenance functions as specified by Federal Aviation Regulation Part 147.
(250 hrs. lect./lab. over 8 weeks)

AERO 131 ADVANCED GENERAL AIRCRAFT MAINTENANCE II (7)

*Prerequisite or Co-requisite: "C" in AERO 130
AERO majors only.*

Fundamentals of direct and alternating current electricity, and fundamentals of applied physics; calculate and measure electrical power volts, amps, and resistance; use electrical diagrams; perform weight and balance operations in accordance with Federal Aviation Regulation Part 147.
(250 hrs. lect./lab. over 8 weeks)

AERO 132 POWERPLANT MAINTENANCE I (7)

*Prerequisite: "C" in AERO 130 and in 131
Co-requisite: AERO 133
AERO majors only.*

Fundamentals of piston engine construction and operation and basic powerplant indicating systems; inspect and repair opposed and radial piston engines; perform powerplant inspections; inspect engine indicating systems as specified by Federal Aviation Regulation Part 147. (250 hrs. lect./lab. over 8 weeks)

AERO 133 AIRFRAME MAINTENANCE I (7)

*Prerequisite: "C" in AERO 130 and in 131
Co-requisite: AERO 132
AERO majors only.*

Principles of aircraft sheetmetal structures; identification of aircraft fasteners, aircraft sheetmetal layout and fabrication; install special rivets and fasteners; inspect and repair sheetmetal structures; fabricate tubular structures and other aircraft structural maintenance functions as specified by Federal Aviation Regulation Part 147.
(250 hrs. lect./lab. over 8 weeks)

AERO 134 POWERPLANT MAINTENANCE II (7)

*Prerequisite: "C" in AERO 130 and in 131 and in 132
Co-requisite: AERO 135
AERO majors only.*

Fundamentals of turbine engine construction and operation, piston and turbine engine fuel metering systems; inspect and service turbine engines, repair engine fuel metering components as specified in Federal Aviation Regulation Part 147.
(250 hrs. lect./lab. over 8 weeks)

AERO 135 AIRFRAME MAINTENANCE II (7)

*Prerequisite: "C" in AERO 130 and in 131 and in 133
Co-requisite: AERO 134
AERO majors only.*

Principles of construction of aircraft wooden structures and repair of aircraft synthetic material; principles of rigging fixed and rotary winged aircraft; application of aircraft covering material, aircraft painting, rig rotary and fixed winged aircraft as specified by Federal Aviation Regulation Part 147.
(250 hrs. lect./lab. over 8 weeks)

AERO 136 POWERPLANT MAINTENANCE III (7)

Prerequisite: "C" in AERO 130 and in 131 and in 132

and in 134

Co-requisite: AERO 137

AERO majors only.

Theory and operation of engine fire detection and control systems, theory of operation and construction of aircraft propellers and related components; inspect and repair engine exhaust and cooling systems, repair and balance propellers as specified in Federal Aviation Regulation Part 147. (250 hrs. lect./lab. over 8 weeks)

AERO 137 AIRFRAME MAINTENANCE III (7)

Prerequisite: "C" in AERO 130 and in 131, 133 and in 135

Co-requisite: AERO 136

AERO majors only.

Theory of operation of aircraft hydraulic, pneumatic, oxygen and auto-pilot systems; inspect and repair aircraft hydraulic, fuel, pneumatic and instrument systems and other aircraft components as specified by Federal Aviation Regulation Part 147.
(250 hrs. lect./lab. over 8 weeks)

AEROSPACE STUDIES (AS)

OFFICE: 1460 Lower Campus Drive, UH Mānoa,
Phone: 956-7734

AFROTC is a nationwide program that allows students to pursue commissions (become officers) in the United States Air Force (USAF) while simultaneously attending college. Three and four year programs available. College students enrolled in the AFROTC program (known as "cadets") who successfully complete both AFROTC training and college degree requirements will graduate and simultaneously commission as Second Lieutenants in the Active Duty Air Force.

On Oahu, the AFROTC program is currently offered at University of Hawaii at Manoa, AFROTC Detachment 175. Students may register through Honolulu CC via normal course registration processes.

For more information on the AFROTC program, please visit www.manoa.hawaii.edu/undergrad/airforcerotc/.

AS 101 FOUNDATIONS OF THE UNITED STATES AIR FORCE (1)

Tuition is waived, classes are held at UH Mānoa. For more information call AFROTC at 956-7734/7762.

Study of the total force structure, strategic offensive and defensive, general purpose, and aerospace support forces of the Air Force in the contemporary world. A-F only. (1 hr. lect. per week)

AS 101L INITIAL MILITARY TRAINING I (1)

Supplement to AS 101. Tuition is waived, classes are held at UH Mānoa. For more information call AFROTC at 956-7734/7762.

Laboratory consists of activities that focus and promote the Air Force way of life. Instruction will include leadership and followership development, teamwork, physical fitness training, and activities



designed to build camaraderie and esprit de corps. Course is open to all majors. Graded on a CR/N basis. (2 hrs. lab. per week and two 1 hr. sessions of Physical Training, total 4 hrs. per week)

AS 102 FOUNDATIONS OF THE UNITED STATES AIR FORCE (1)

Tuition is waived, classes are held at UH Mānoa. For more information, call AFROTC at 956-7734/7762. Continuation of 101. A-F only. (1 hr. lect. per week)

AS 102L INITIAL MILITARY TRAINING II (1)

Supplement to AS 102, continuation of AS 101L. Tuition is waived, classes are held at UH Mānoa. For more information, call AFROTC at 956-7734/7762.

Laboratory consists of activities that focus and promote the Air Force way of life. Instruction will include leadership and followership development, teamwork, physical fitness training, and activities designed to build camaraderie and esprit de corps. Course is open to all majors. Graded on a CR/N basis. (2 hrs. lab. per week and two 1 hr. sessions of Physical Training, total 4 hrs. per week)

AS 201 EVOLUTION OF USAF AIR AND SPACE POWER (2)

Tuition is waived, classes are held at UH Mānoa. For more information, call AFROTC at 956-7734/7762.

Study of Air Force heritage, Quality Air Force principles, ethics, and an introduction to leadership and group leadership problems. Application of written and verbal communication skills is included. A-F only.

(2 hr. lect. per week)

AS 201L FIELD TRAINING PREPARATION I (1)

Instructor approval required.

Supplement to AS 201. Tuition is waived, classes are held at UH Mānoa. For more information, call AFROTC at 956-7734/7762.

Laboratory consists of preparing second-year AFROTC cadets with the skills needed to successfully complete AFROTC Field Training. Students will learn basic military skills, Field Training skills, and participate in physical fitness training. Graded on a CR/N basis. (2 hrs. lab. per week and two 1 hr. sessions of Physical Training, total 4 hrs. per week)

AS 202 EVOLUTION OF USAF AIR AND SPACE POWER (2)

Tuition is waived, classes are held at UH Mānoa.

For more information, call AFROTC at 956-7734/7762. Continuation of 201. A-F only. (2 hr. lect. per week)

AS 202L FIELD TRAINING PREPARATION II (1)

Instructor approval required.

Tuition is waived, classes are held at UH Mānoa. For more information, call AFROTC at 956-7734/7762.

Continuation of 201L. Graded on a CR/N basis. (2 hrs. lab. per week and two 1 hr. sessions of Physical Training, total 4 hrs. per week)

AS 251L LEADERSHIP LABORATORY (1)

Co-requisite: AS 101 and AS 201; or consent

Tuition is waived, classes are held at UH Mānoa. For more information, call AFROTC at 956-7734/7762.

Laboratory on the basic skills of leadership and

followership. Lab includes application of leadership/followership skills, various field trips to military installations, group projects, and physical training. Repeatable one time. CR/NC only. (Fall only)

AGRICULTURE (AG)

AG 100 INTRODUCTION TO AGRICULTURAL SCIENCES (3) (DB)

Recommended Prep: High School Biology

Introduction to diverse disciplines of agricultural sciences, industry, and contemporary issues in agriculture. (3 hrs. lect. per week)

AMERICAN SIGN LANGUAGE (ASL)

ASL 101 ELEMENTARY AMERICAN SIGN LANGUAGE I (4)

This course is an introduction of American Sign Language communication. Students will acquire basic proficiency in receptive and expressive signing skills through a linguistic, communicative, and cultural approach. May be taken on a CR/N basis. (4 hrs. lect. per week)

ASL 102 ELEMENTARY AMERICAN SIGN LANGUAGE II (4)

Prerequisite: "C" or higher in ASL 101 or instructor consent
This course continues the introduction of American Sign Language communication. Students will acquire further proficiency in receptive and expressive signing skills through a linguistic, communicative, and cultural approach. May be taken on a CR/N basis. (4 hrs. lect. per week)

ASL 201 INTERMEDIATE AMERICAN SIGN LANGUAGE I (4)

Prerequisite: "C" or higher in ASL 102

This course further develops American Sign Language skills, expanding communication to the intermediate level. Students will acquire further proficiency in receptive and expressive signing skills through a linguistic, communicative, and cultural approach. (4 hrs. lect. per week)

ASL 202 INTERMEDIATE AMERICAN SIGN LANGUAGE II (4)

Prerequisite: "C" or higher in ASL 201

This course further develops American Sign Language skills, expanding communication in the intermediate level. Students will acquire further proficiency in receptive and expressive signing skills through a linguistic, communicative, and cultural approach. (4 hrs. lect. per week)

AMERICAN STUDIES (AMST)

AMST 150 AMERICA AND THE WORLD (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

Examines America's role in world history and the influence of world affairs on U.S. culture and society. Focuses on U.S. interdependence with Africa, European, Native American, Asian, and Polynesian civilizations, from 1492 to present. (3 hrs. lect. per week)

AMST 201 THE AMERICAN EXPERIENCE: INSTITUTIONS AND MOVEMENTS (3) (DH)*Prerequisite: Placement in ENG 100 + ENG 100S*

Interdisciplinary course that examines diversity and changes in American values and institutions-political, economic, legal and social. (3 hrs. lect. per week)

AMST 202 AMERICAN EXPERIENCE: CULTURE AND THE ARTS (3) (DH)*Prerequisite: Placement ENG 100 + ENG 100S*

Interdisciplinary course that examines diversity and changes in American values and culture-literature, film, visual arts, and architecture. (3 hrs. lect. per week)

ANTHROPOLOGY (ANTH)**ANTH 135 PACIFIC ISLAND PEOPLES (3) (DH)***Recommended Prep: Placement in ENG 100 + ENG 100S*
Introduction to the peoples and cultures of the Pacific Islands. Emphasis is on cultural change and comparisons with Hawaiian ancient and modern cultures. Cross-listed as SSCI 125.
(3 hrs. lect. per week)**ANTH 150 HUMAN ADAPTATIONS (3)***Recommended Prep: Placement in ENG 100 + ENG 100S*
Human variation, physical and cultural, examined for its possible survival value under particular conditions from prehistoric times to present. How various ways of life and physical characteristics are adaptive or maladaptive. Implications for the future.
(3 hrs. lect. per week)**ANTH 151 EMERGING HUMANITY (3)***Recommended Prep: Placement in ENG 100 + ENG 100S*
Introduction to the paleontology of human biological evolution and the archaeology of culture in the world prior to AD 1500. (3 hrs. lect. per week)**ANTH 152 CULTURE AND HUMANITY (3)***Recommended Prep: Placement in ENG 100 + ENG 100S*
Introduction to cultural anthropology. How humans create, understand, order, and modify their natural, social, supernatural, and physical environments, and make meaning and order. (3 hrs. lect. per week)**ANTH 200 CULTURAL ANTHROPOLOGY (3)***Prerequisite: Placement in ENG 100 + ENG 100S*

This course is concerned with the nature of culture; an introduction to basic concepts of analyzing cultural behavior; patterning, integration, and dynamics of culture; culture and the individual and cultural change. (3 hrs. lect. per week)

APPLIED TRADES (APTR)**APTR 193V COOPERATIVE EDUCATION (1-6)***Instructor approval required.*

This course provides students with an opportunity to gain work experience related to the program major. This course was created according to an agreement between the Department of Navy and Honolulu CC for

students under the SCEP Program through the Office of Personnel Management (OPM). Students must be recommended by the work supervisor in order to enroll. Students may enroll 4 times for a maximum of 16 credits.

(75 hrs. of supervised work experience per credit)

ARCHITECTURE, ENGINEERING AND CONSTRUCTION TECHNOLOGIES (AEC)**AEC 101 CONSTRUCTION GRAPHICS AND CONVENTIONS (3)***Prerequisite or Co-requisite: "C" or higher in AEC 102
Recommended Prep: "C" or higher in a high school CAD drafting course, or equivalent CAD training/experience. AEC majors only.*Introduction to graphic communication and conventions as it is applied to drawing and reading construction plans using hand sketching, various computer-aided design and construction administration software. Techniques for measuring items of construction work from plans and specifications, layout, terminology, graphic standards and drafting fundamentals. Emphasis on how to locate information and cross reference with details, schedules, and specifications for clarification. Some computer architectural 3D modeling using SketchUp or similar software will be introduced.
(3 hrs. lect. per week)**AEC 102 INTRODUCTION TO CAD TECHNOLOGY (4)***Prerequisite or Co-requisite: "C" or higher in AEC 101
Recommended Prep: ICS 100 and "C" or higher in a high school CAD drafting course, or equivalent CAD training/experience.
AEC majors only.*

A foundational entry-level CAD technology course in the AEC Technologies program utilizing both 2D and 3D BIM software. The first five weeks covers basic 2D drawing concepts with AutoCAD. Basic commands and operations from 2D drawing and editing tools are covered using templates and preset configurations. The remainder of the course switches to 3D drawing with an emphasis on the three-dimensional drawing tools of the Revit software. (4 hrs. lect. per week)

AEC 103 BASIC DESIGN STUDIO I (4)*Prerequisite or Co-requisite: "C" or higher in AEC 102
Architectural Tech focus AEC majors only.
Introduction to creative design processes focusing on the investigation of composition within defining perceivable space. Hands-on exploration of materials and structures as an introduction to design processes.
(4 hrs. lect.; 4 hrs. lab. per week)***AEC 104 BASIC DESIGN STUDIO II (4)***Prerequisite: "C" or higher in AEC 103
Prerequisite or Co-requisite: "C" or higher in AEC 210
Architectural Tech focus AEC majors only.
Continued exploration of design processes.
Introduction to digital mediums, focusing on design communication, material exploration, and creative*

exploration including the relationship between digital, physical, and materials aspects of design.
(4 hrs. lect.; 4 hrs. lab. per week)

**AEC 105 INTRODUCTION TO CONSTRUCTION MANAGEMENT (3)
(FORMERLY CMGT 100)**

*Prerequisite or Co-requisite: "C" or higher in AEC 101
Construction Management focus AEC majors only.*
Introduction to the construction process, including a general overview of organization, relationships, practices, terminology, project types, procurement methods, industry standards, contract documents and career opportunities. (3 hrs. lect. per week)

AEC 111 INTRODUCTION TO PROFESSIONAL ETHICS (1)

*Prerequisite or Co-requisite: ENG 100
AEC majors only.*

This course is designed for students preparing for employment or further training in architecture, engineering, or a related professional field and who will at some point work with others – colleagues, supervisors, clients, or the general public. Solving ethical problems is often more difficult than applying technical or other specialized skills that the greatest amount of time is spent on in training. The course makes solutions of issues and dilemmas easier, which leads to greater success both on and off the job. Its focus is principally on applied ethics with minimum theoretical terminology, that is very practical – and comes with a lifetime benefit guarantee.
(1 hr. lect. per week)

AEC 118 CONSTRUCTION MATERIALS (3)

*Prerequisite: "C" or higher in AEC 101 and ENG 100
Prerequisite or Co-requisite: "C" or higher in AEC 210
AEC majors only.*

A broad survey of materials and products used in the building industry, their nature, characteristics, variety and uses. Concrete, masonry, wood, metals, conveying systems, electrical and mechanical systems, and other topics based on the CSI format. Emphasis on materials and construction in Hawai'i. An interactive Internet course—not a CAD or project-based course.
(3 hrs. lect. per week)

AEC 163 CONSTRUCTION LAW (3)

*Prerequisite: "C" or higher in AEC 165, ENG 209, and SP 251
Construction Management focus AEC majors only.*
This course focuses on understanding the relationship between contract documents and the construction process. Students will explore contractual relationships, legal roles and responsibilities, and contract types. General condition clauses that affect levels of decision making authority, project close-out, and the superintendents role as an agent of the contractor will be studied. Students will study legal issues that often result in construction disputes including differing site conditions, time and schedule impacts, change orders, and changed conditions. Students will also study contract dispute resolution including negotiations, alternatives dispute resolutions, and litigation of dispute.
(3 hrs. lect. per week)

AEC 165 CONSTRUCTION ADMINISTRATION (3)

*Prerequisite: "C" or higher in AEC 105
Prerequisite or Co-requisite: "C" or higher in AEC 118
Construction Management focus AEC majors only*
Proper construction documentation is essential to an economical and effective system for planning, operating, and controlling a construction project. This course will guide the student in proper forms, form development, and how to adapt forms for your organization. How to write and prepare the various plans required by government agencies is also covered. (3 hrs. lect. per week)

AEC 193V COOPERATIVE EDUCATION (1-4)

*Prerequisite: Placement in ENG 100
Instructor approval required.
AEC majors only.*

This course provides students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Architecture, Engineering and Construction Technologies. Students may enroll 4 times for a maximum of 12 credits.
(5 hrs. work experience per week per credit)

AEC 203 BEGINNING DESIGN STUDIO I (4)

*Prerequisite: "C" or higher in AEC 103, 104, and 237
Architectural Tech focus AEC majors only.*
Continued exploration of design processes. Introduction to digital mediums, focusing on design communication, material exploration, and creative exploration including the relationship between digital, physical, and materials aspects of design.
(4 hrs. lect.; 4 hrs. lab. per week)

AEC 204 BEGINNING DESIGN STUDIO II (4)

*Prerequisite: "C" or higher in AEC 203
Architectural Tech focus AEC majors only.*
Development of designs and processes to study precedents and explore solutions responding to human needs in built and natural environment with emphasis on analysis and representation of architectonic space and form using hand and computer techniques.
(4 hrs. lect.; 4 hrs. lab. per week)

AEC 209 PLANNING AND SCHEDULING (4)

*Prerequisite: "C" or higher in AEC 165
Prerequisite or Co-requisite: "C" or higher in AEC 211
Construction Management focus AEC majors only.*
The theory and practice of planning, scheduling, and reporting for a project through the use of bar chart and Critical Path Methodology. The course provides students with a thorough understanding of project planning and scheduling principles in the construction industry. It introduces various planning and control techniques in an integrated planning and control system. It helps students develop understanding of time, cost, and resource management principles as well as the ethical issues involved. The course also provides an overview of advanced project planning concepts.
(4 hrs. lect. per week)

AEC 210 WORKING DRAWINGS I (4)*Prerequisite: "C" or higher in AEC 102**Prerequisite or Co-requisite: "C" or higher in AEC 118
AEC majors only.*

A core course in the advanced study and application of materials and methods of construction specifically related to two-story dwellings. Projects utilize light wood, steel, and/or masonry construction principles and practices. Basic residential planning, drafting expressions, architectural details, and complete working drawings. All drawing is done using computer-aided design (CAD) software. (4 hrs. lect. per week)

AEC 211 CONSTRUCTION ESTIMATING AND BIDDING (3)*Prerequisite: AEC 118; "C" or higher in AEC 160; "C" or higher in ENG 100**AEC majors only.*

This course introduces students to construction contracts, types of estimates, construction costs, cost accounting, purposes and functions. Students also gain experience in generating material quantity takeoffs from construction drawings. (3 hrs. lect. per week)

AEC 220 WORKING DRAWINGS II (4)*Prerequisite: "C" or higher in AEC 210**AEC majors only.*

A second course in the advanced study and application of materials and methods of construction specifically related to two-story dwellings. Projects utilize light wood, steel, and/or masonry construction principles and practices. Basic residential planning, drafting expressions, architectural details, and complete working drawings. All drawing is done using computer-aided design (CAD) software. (4 hrs. lect. per week)

AEC 236 Introduction to Sustainability (3)

Introduction to Sustainability provides a comprehensive overview of the interdisciplinary field of sustainability. The focus is on furnishing solutions and equipping the student with both conceptual understanding and technical skills for the workplace. We will explore one aspect of the field each week, first introducing relevant theory and presenting issues, then supplying tools for working towards solutions. Elements of sustainability will be examined, and exploration of ecosystems, social equity, environmental justice, food, energy, product life cycles, cities, and more. Techniques for management and measurement as well as case studies from around the world will be discussed. Open to non-majors. (3 hrs. lect. per week)

AEC 237 INTRODUCTION TO THE BUILT ENVIRONMENT (3)*Prerequisite or Co-requisite: "C" or higher in ENG 100*

This course explores the evolution of society's physical fabric as revealed by place, climate, culture, technology and time. The work of several well-known architects will be examined to study the impact of scientific knowledge and architectural design theory on history, culture, sociology and built form. Students

will prepare several oral presentations to validate their understanding of the course content. Fall semester only. Open to non-majors. (3 hrs. lect. per week)

AEC 260 WORKING DRAWINGS III (4)*Prerequisite: "C" or higher in AEC 220**AEC majors only.*

A third course that includes the theory and practice involved in producing and organizing working drawings using computer-aided design techniques for multi-family and commercial projects. Students are exposed to design, layout, and construction methods used in steel, concrete, masonry, and wood systems. Independent research emphasized. All drawing is done using computer-aided (CAD) software. (4 hrs. lect. per week)

AEC 261 BUILDING SERVICES (3)*Prerequisite: "C" or higher in AEC 210**Recommended Prep: AEC 118**AEC majors only.*

Preliminary and detail planning of service and mechanical equipment and facilities in multi-family, commercial, industrial, and municipal buildings. Topics include energy, thermal control, acoustics, large capacity plumbing and electrical systems, fire protection equipment, vertical transportation equipment, security systems, and service accesses. (3 hrs. lect. per week)

AEC 265 CONSTRUCTION INSPECTION (3)*Prerequisite: "C" or higher in AEC 163**Construction Management focus AEC majors only.*

This course will cover building codes and standards applicable towards building construction and the inspection processes. (3 hrs. lect. per week)

AEC 270 INTRODUCTION TO IMMERSIVE TECHNOLOGY (2)*Prerequisite or Co-requisite: AEC 220**AEC majors only.*

This course is designed to introduce students to the world of Augmented Reality (AR) and Virtual Reality (VR) technology in the context of design and construction applications. The course will cover the basics of AR and VR technology, including how it works, its applications, and its potential impact on the design and construction industry. Students will learn how to use AR and VR technology to create simulated design and inspection scenarios, and how to integrate this immersive technology with other platforms of related advanced design and construction technology. By the end of the course, students will have a solid understanding of AR and VR technology and how it can be used to enhance the design and construction process. Lecture/Lab sections will include hands-on experience with AR and VR technology, which they can apply to their projects and work. (2 hrs. lect.; 2 hrs. lab. per week)

AEC 277 LAND SURVEYING I (3)*Prerequisite: "C" or higher in ENG 100**Construction Management focus AEC majors only.*

This course is a basic course on land surveying. It provides the basic skills of plane surveying, using instruments for distance measurements, angular measurements, and determining elevations. The course provides experience with completing closed traverses and topographic surveying. Computer spreadsheets are utilized to facilitate common calculations associated with plane surveying. (2 hrs. lect.; 3 hrs. lab. per week)

AEC 278 LAND SURVEYING II (3)

Prerequisite: "C" or higher in AEC 277

Construction Management focus AEC majors only.

This course is designed to build upon the skills attained in the Land Surveying I course and prepares individuals interested in taking the Certified Surveying Technician (CST) exam. (2 hrs. lect.; 3 hrs. lab. per week)

AEC 280 SITE MODELING (3)

Prerequisite: "C" or higher in AEC 277

AEC majors only.

Introduction to civil engineering with site modeling and drawing using various 2D, 3D CAD and scanning technologies. A look at maps, surveys, scales and conventions, contours and profiles, site plans, site utilities, topographic models, excavation, retaining walls, highway layout, subdivision and block plans. (3 hrs. lect. per week)

ART (ART)

ART 101 INTRODUCTION TO THE VISUAL ARTS (3) (DA)

Prerequisite: Placement in ENG 100 + ENG 100S

Nature of visual art and its expression in various forms. Lectures, demonstrations. (3 hrs. lect. per week)

ART 107D INTRODUCTION TO DIGITAL PHOTOGRAPHY (3) (DA)

Recommended Prep: Placement in ENG 100 + ENG 100S; ART 112

Students are required to have access to a working digital camera (10+ MP, SLR preferred) plus their camera's operating instructions and application CD.

This course covers the basic history and practice of digital photography. Students will learn basic camera techniques, the specific features of their own camera, and how to convert their images to digital formats. The course will provide students with basic aesthetic principles as well as specific practical techniques needed for artistic expression and/or entry into the photographic workplace. Students may enroll 2 times for a maximum of 6 credits. (3 hrs. lect./lab. per week)

ART 111 INTRODUCTION TO WATERCOLOR PAINTING (3) (DA)

Recommended Prep: Placement in ENG 100 + ENG 100S

ART 111 provides a foundation in the materials and techniques of Watercolor Painting through lectures, field trips, demonstrations and in-class painting sessions. May be taken on a CR/N basis. (6 hrs. lect./lab. per week)

ART 112 INTRODUCTION TO DIGITAL ART (3)

Recommended Prep: ICS 100; Placement in ENG 100 + ENG 100S

Introduction to the technology, vocabulary, and procedures of computer produced images; the use of computer graphics as an artist's tool. Students may enroll 2 times for a maximum of 6 credits. (2 hrs. lect.; 4 hrs. lab. per week)

ART 113 INTRODUCTION TO DRAWING (3) (DA)

Prerequisite: Placement in ENG 100 + ENG 100S

Two-dimensional visualization and rendering of forms, spaces, and ideas through a variety of approaches and media. (2 hrs. lect.; 4 hrs. lab. per week)

ART 115 INTRODUCTION TO 2D DESIGN (3)

Recommended Prep: Placement in ENG 100 + ENG 100S

Basic design concepts, elements and principles of organization. Emphasizes problem-solving and technical skills with introduction to computer.

May be graded on a CR/N basis. (2 hrs. lect.; 4 hrs. lab. per week)

ART 123 INTRODUCTION TO PAINTING (3) (DA)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ART 113

Theory and practice of painting; basic material and technical procedures will be addressed. (2 hrs. lect.; 4 hrs. lab. per week)

ART 196 SUSTAINABLE ART AND DESIGN (3) (DA)

Prerequisite: Placement in ENG 100 + ENG 100S

This course introduces students to the concepts of sustainability as it relates to Art and Design. Artists and designers who consciously implement sustainability practices will be explored, with an attention to historical context and the larger cultural meaning. Students will complete basic studio art projects that relate to sustainability. (3 hrs. lect. per week)

ART 213 INTERMEDIATE DRAWING (3) (DA)

Prerequisite: ART 113

Extension of ART 113; drawing concepts unique to this century. (2 hrs. lect.; 4 hrs. lab. per week)

ART 214 LIFE DRAWING (3)

Prerequisite: ART 113 or 213 or instructor approval

Study of the figure. Repeatable once for credit. (2 hrs. lect.; 4 hrs. lab. per week)

ART 223 INTERMEDIATE PAINTING (3)

Prerequisite: ART 123

Survey of late 19th and 20th century studio practice with emphasis on abstraction and non-representational painting. (2 hrs. lect.; 4 hrs. lab. per week)

ASIAN STUDIES (ASAN)

ASAN 100 ASIAN PERSPECTIVES (3) (DH)

Recommended Prep: Placement in ENG 100 + ENG 100S

The purpose of this course will be to raise the student's

awareness and understanding of the operation and composition of non-American cultures and societies. The skills of observation and analysis that students will acquire through this course should enable them to confront and interact with any other non-American culture. (3 hrs. lect. per week)

ASAN 201 INTRODUCTION TO ASIAN STUDIES: EAST ASIA (3) (DH)

Understanding East Asia through multidisciplinary approaches. Examines the interrelationship of policies, economy, literature, religion, the arts, and history as the basis for such an understanding. May be taken by Credit by examination or audited. (3 hrs. lect. per week)

ASAN 202 INTRODUCTION TO ASIAN STUDIES: SOUTH/SOUTH EAST ASIA (3) (DH)

Understanding East Asia through multidisciplinary approaches. Examines the interrelationship of policies, economy, literature, religion, the arts, and history as the basis for such an understanding. May be taken by Credit by examination or audited. (3 hrs. lect. per week)

ASAN 241 CIVILIZATIONS OF ASIA I (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Historical survey of major civilizations of Asia from earliest times: East Asia, Southeast Asia, and South Asia. Cross-listed as HIST 241. (3 hrs. lect. per week)

ASAN 242 CIVILIZATIONS OF ASIA II (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Continuation of ASAN 241. Cross-listed as HIST 242. (3 hrs. lect. per week)

ASAN 250 ASIAN POLITICS SINCE 1900 (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
This course will focus on ten Asian countries with the largest economics and populations, in order to familiarize students with the development of their politics, economics, and society. Cross-listed as POLS 250. (3 hrs. lect. per week)

ASAN 296C ASIAN POPULAR CULTURE (3) (DH)

Recommended Prep: ASAN 201, 202

Comment: No knowledge of Asian languages are required for the course. No prior knowledge or experience with Asian popular culture is necessary.
ASAN 296C is the study of Asian popular culture and of theoretical systems used for analyzing popular culture including, but not limited to, Manga, Anime, Television Drama, Music, and Film from Asia. The course will use popular culture as a means to understand Asian societies, business, cultural practices, and beliefs. Students will gain analytical skills and knowledge of Asian cultures and markets that can be used to begin working toward careers in or related to Asian popular media and culture. (3 hrs. lect. per week)

ASTRONOMY (ASTR)

ASTR 110 SURVEY OF ASTRONOMY (3) (DP)

Survey of the nature of the astronomical universe for non-science majors, with emphasis on scientific method

and development of scientific thought.

(3 hrs. lect. per week)

ASTR 110L SURVEY OF ASTRONOMY LABORATORY (1)

Prerequisite: "C" or higher in MATH 24 OR placement in MATH 25

Prerequisite or Co-requisite: ASTR 110 or consent of instructor

Demonstration of astronomical principles through laboratory observations and analysis of astronomical data. Not required for ASTR 110. May be taken on a CR/N basis. (3 hrs. lab. per week)

ATMOSPHERIC SCIENCES (ATMO)

ATMO 101 INTRODUCTION TO METEOROLOGY (3)

Prerequisite: Placement in ENG 100 + ENG 100S or ESL 23
This is an introductory course intended for the non-science majors, prospective science teachers and prospective science majors. This course will include an overview of basic atmospheric physics, sun-Earth-atmosphere interrelations, pollution, major weather systems, weather forecasting, and weather in Hawai'i. (3 hrs. lect. per week)

ATMO 101L INTRODUCTION TO METEOROLOGY LAB (1)

Prerequisite or Co-requisite: ATMO 101

This introductory course is intended to accompany ATMO 101 and involves exercises with meteorological data and measurement systems, with particular focus on the characteristics of weather in Hawai'i. (3 hrs. lab. per week)

AUTO BODY REPAIR AND PAINTING (ABRP)

ABRP 73 COLLISION PREP AND PANEL ALIGNMENT (4)

Co-requisite: ABRP 75

ABRP majors only.

This course will introduce students to the auto body collision repair environment. The focal point of instruction will involve the unibody of the late model collision damaged vehicle and preparation of the vehicle for collision repair. Other areas of instruction will introduce students to the theory and practice of the adjustment and alignment of door, hood, decklid, etc. (120 hrs. total. 6 hrs. lect.; 18 hrs. lab. per week over 5 weeks)

ABRP 75 DOOR SKIN ALIGNMENT AND REPLACEMENT (2)

Co-requisite: ABRP 73

ABRP majors only.

This course will cover fundamental procedures in the removal, reinstallation, and adjustment of movable door glass. Major emphasis on the theory of removing and replacing door outer skins will also be included. (60 hrs. total. 6 hrs. lect.; 18 hrs. lab. per week over 2.5 weeks)

ABRP 78 COLLISION DAMAGE ANALYSIS (3)

Co-requisite: ABRP 79, 80

ABRP majors only.

Specific areas to be covered relate to the identification and analysis of damage through visual inspection and measuring techniques. Emphasis will be placed on the ability to identify quick telltale signs of damage. Students will also move from basic structural measuring principles, techniques, and equipment to various types of state-of-the-art frame measuring equipment. The unibody of the late model vehicle will be the focal point of instruction.

(90 hrs. total. 6 hrs. lect.; 18 hrs. lab. per week over 3.75 weeks)

ABRP 79 STRUCTURAL STRAIGHTENING TECHNIQUES (3)

Co-requisite: ABRP 78, 80

ABRP majors only.

Students will learn, practice, and demonstrate their skills as they relate to different anchoring systems, and their set-up. This course will further introduce students to the theory and practice of various straightening techniques and systems.

(90 hrs. total. 6 hrs. lect.; 18 hrs. lab. per week over 3.75 weeks)

ABRP 80 PANEL REPLACEMENT (6)

Co-requisite: ABRP 78, 79

ABRP majors only.

This course will expose students to factory attachment methods of structural/non-structural components and the proper procedures for replacing these components. The method of sectioning structural/non-structural components will also be explored. (180 hrs. total. 6 hrs. lect.; 18 hrs. lab. per week over 7.5 weeks)

ABRP 101 FOUNDATIONS TO AUTO BODY REPAIR (12)

Prerequisite: Respirator use clearance and valid driver's license.

Recommended Prep: Industrial Arts, Mechanical Drawing, Mathematics, Physical Science, Communication Skills - reading and speaking.

ABRP majors only

This course design is to introduce the student to the safe practices in the shop environment while developing an understanding and skill level that is pertinent to entry-level skills needed to be productive in the industry. The student will develop skills that are necessary to repair minor damages to the vehicle. The student will gain an understanding of the safe operation, proper use and general maintenance of tools and equipment required of entry-level technicians. (6 hrs. lect.; 18 hrs lab per week)

ABRP 102 INTERMEDIATE AUTO BODY REPAIR (12)

Prerequisite: ABRP 101; Respirator use clearance and valid driver's license.

Recommended Prep: Industrial Arts, Mechanical Drawing, Mathematics, Physical Science, Communication Skills - reading and speaking.

ABRP majors only

This course will further strengthen the student's

ability to do minor metalwork and body filling while progressing them into the repair of advanced damages of the modern vehicle. The student will be introduced into the safe operation and maintenance of intermediate equipment commonly used in the repair shop. Topics of new discovery will include: composite repair; understanding the fundamentals of an equipment estimate and work order; process of full and partial panel replacement of commonly replaced components; proper vehicle pre-delivery processes. Students will be introduced to the safe handling and repair of aluminum components with an introduction to higher end welding techniques.
(6 hrs lect.; 18 hrs. lab per week)

ABRP 103 TRANSITIONING CLASS TO INDUSTRY (4)

Prerequisite: ABRP 101, ABRP 102; Respirator use clearance and valid driver's license.

Recommended Prep: Industrial Arts, Mechanical Drawing, Mathematics, Physical Science, Communication Skills - reading and speaking.

ABRP majors only

This course is a culmination of a student's knowledge and skill development, it will give them real life experiences in the day-to-day operation of the industry. Students will be required to intern at various businesses within the State while still attending class. It is designed to hone their school training to further meet industry demands and give them an insight to the many career paths within the industry. Students will intern 5 days a week for 4 hours a day at arranged businesses by the student, instructor and business owner. Placements are based on student interest in conjunction with the fulfillment of program objectives. Students will also be required to attend class 5 days a week for 4 hours a day to further their study of the industry. (5 hrs lect.; 15 hrs. lab per week over 6 weeks)

AUTOMOTIVE TECHNOLOGY (AMT)

AMT 93V COOPERATIVE EDUCATION (1-4)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 50 OR Placement in MATH 150 or higher

Valid driver's license

Instructor approval required.

AMT majors only.

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Automotive Mechanics Technology. Students may enroll 4 times for a maximum of 12 credits.

(5 hrs. work experience per week per credit.)

AMT 121 INTRODUCTION TO AUTOMOTIVE MECHANICS (2)

(FORMERLY AMT 20)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 50 OR Placement in MATH 150 or higher

Valid driver's license

Co-requisite: AMT 153 and AMT 155

AMT majors only.

This course exposes students to the policies and procedures of the Automotive Mechanics Technology

(AMT) program. Students will have an opportunity to learn about various positions in the automotive field, understand and apply shop safety, identify and explain issues related to hazardous materials, identify systems and components of an automobile, reference technical manuals appropriately, identify and use basic hand tools and precision measuring equipment, perform fastener repair and identification and understand the importance of maintenance scheduling.
(60 hrs. lect./lab. per term)

AMT 122 SURVEY OF AUTOMOTIVE TECHNOLOGY (4)

(FORMERLY AMT 22)

Prerequisite: Valid driver's license

*Recommended Prep: Auto Academy Participant
Administrative approval required.*

This course covers content similar to AMT 121 - Introduction to Automotive Mechanics, but includes an internship and an overview of automotive technology. This course exposes students to the policies and procedures of the Automotive Mechanics Technology (AMT) program. Students will have an opportunity to learn about various positions in the automotive field, understand and apply shop safety, identify and explain issues related to hazardous materials, identify systems and components of an automobile, reference technical manuals appropriately, identify and use basic hand tools and precision measuring equipment, perform fastener repair and identification and understand the importance of maintenance scheduling. Students will also have an opportunity to learn about the eight general areas of automotive technology which include, Steering and Suspension, Brakes, Manual Drive Train and Axles, Automatic Transmissions and Transaxles, Electrical and Electronic Systems, Engine Repair, Heating and Air Conditioning, and Engine Performance. (20 hrs. lect./lab. per week)

AMT 130 ENGINES (8)

Prerequisite: AMT 153 and AMT 155

Co-requisite: AMT 140

*Recommended Prep: Employed in the automotive industry
AMT majors only.*

This course will cover shop safety, tools and all components found in the modern internal combustion engine. The course is designed to provide students with an understanding of the fundamental operation and construction of internal combustion engines. Instruction will include theory and laboratory (shop) activities in which students will learn how to inspect, service, maintain, diagnose, and repair automobile engine malfunctions. Course includes live work.
(240 hrs. lect./lab. per term)

AMT 140 ELECTRICAL SYSTEMS I (4)

Prerequisite: AMT 153 & 155

Co-requisite: AMT 130

*Recommended Prep: Employed in the automotive industry
AMT majors only.*

This course will cover shop safety, applicable tools and equipment. It is designed to provide students with the

essential theories and practical skills to service and repair battery, starting, charging, and lighting systems. Diagnostic procedures using wiring diagrams and electrical test equipment to locate shorts, grounds, opens and resistance problems will also be covered. Course includes live work. (120 hrs. lect./lab. per term)

AMT 142 ELECTRICAL SYSTEMS II (8)

Prerequisite: AMT 146 and AMT 151; PHYS 100 & 100L or PHYS 104

Co-requisite: AMT 143

AMT majors only.

This Electrical Systems II course deals with the systematic approach to diagnosing and repairing electrical, electronic, and ignition systems. The course focuses on small motor devices, relay controls, instrument clusters, and ignition systems found in the modern vehicle. Students will be introduced to common symptoms and pinpoint test procedures used to evaluate various circuits. They will demonstrate awareness of the safety aspects, operation, and characteristics of Hybrid/Electric Vehicles. Other subject areas include basic electrical repairs, shop safety, and the proper utilization of tools and equipment. Course may include live work.
(240 hrs. lect./lab. per term)

AMT 143 AIR CONDITIONING (4)

Prerequisite: AMT 146 and AMT 151

Co-requisite: AMT 142

*Recommended Prep: Employed in the automotive industry
AMT majors only.*

This course covers shop safety, training in specialty tools and equipment. Included are fundamental theories, diagnosis, and repair practices to automotive air conditioning systems. Presented in the course are the operation and function of the vacuum, electrical, refrigeration circuits, along with computer controlled climate control systems. Course includes live work.
(120 hrs. lect./lab. per term)

AMT 146 POWERTRAIN AND MANUAL TRANSMISSIONS (5)

Prerequisite: AMT 130 and AMT 140; PHYS 100 & 100L or PHYS 104

Co-requisite: AMT 151

AMT majors only.

In this class, students will learn shop safety, proper use of related tools and equipment. The various designs of manual transmissions, differentials, and transaxles are covered in this course along with the many drive line components found in the undercarriage of the automobile. Each major component is covered in detail, including such topics as purpose, application, operation, inspection, diagnosis, and repair. Course includes live work. (150 hrs. lect./lab. per term)

AMT 151 AUTOMATIC TRANSMISSIONS/TRANSAXLES (7)

Prerequisite: AMT 130 and AMT 140

Co-requisite: AMT 146

*Recommended Prep: Employed in the automotive industry
AMT majors only.*

This course explains the fundamental principles of

automatic transmission designs and operations found on both Front Wheel Drive (FWD) and Rear Wheel Drive (RWD) vehicles. Service and overhaul procedures are given on various import and domestic automatic transmissions according to the manufacturer's standards. Introduction to Electronically Controlled Automatic Transmissions (ECAT) also included. (210 hrs. lect./lab. per term)

AMT 153 BRAKES (5)

Prerequisite or Co-requisite: AMT 121

Co-requisite: AMT 155

AMT majors only.

This course covers shop safety, related tools, fundamental principles of operation and practical application needed to perform repairs to automotive braking systems. Various mechanical, hydraulic, vacuum, electrical, and computer devices incorporated in the automobile's braking system will be covered. They include an introduction to Anti-lock Braking Systems manufactured by Teves, Bosch, Delco, and Kelsey-Hayes along with established troubleshooting and service procedures. Course includes live work. (150 hrs. lect./ lab. per term)

AMT 155 SUSPENSION AND STEERING (5)

Prerequisite or Co-requisite: AMT 121

Co-requisite: AMT 153

AMT majors only.

This course covers the need of today's automotive suspension system specialist. Fundamental information, repair procedures and current service practices are included. Various types of suspension and steering components found in the modern automobile are covered with steering geometry and wheel alignments of 2 and 4 wheel steering automobiles. An introduction to Supplemental Restraint Systems (air bags) also included. (150 hrs. lect./lab. per term)

AMT 167 ENGINE PERFORMANCE (12)

*Prerequisite: AMT 121, 130, 140, 142, 143, 146, 151, 153, 155
AMT majors only.*

This course will deal with the systematic diagnostic approach to isolate malfunctions for computerized engine control systems. Students will be introduced to various components and their relationship to others in system functions. The course covers service codes, analysis of drivability symptoms, and pin-point test procedures using modern diagnostic strategies and various state-of-the-art equipment. (360 hrs. lect./lab. per term)

BIOCHEMISTRY (BIOC)

BIOC 141 FUNDAMENTALS OF BIOCHEMISTRY (3) (DP)

Prerequisite: MATH 25

Biological chemistry stressing integration of concepts of general, inorganic, and biochemistry and applications to life chemistry. (3 hrs. lect. per week)

BIOC 142 ELEMENTS OF BIOCHEMISTRY (3) (DP)

Prerequisite: BIOC 141 or CHEM 151

Biochemical principles and concepts as applied to living systems. Includes sufficient organic chemistry to understand these principles. (3 hrs. lect. per week)

BIOLOGY (BIOL)

BIOL 100 HUMAN BIOLOGY (3) (DB)

An introduction to the structure and function of cells, tissues, organs, and organ systems of the body. In addition, there will be selected topics on nutrition, infectious diseases and immunity, the nature of cancer, reproductive biology, and human genetic disorders. (3 hrs. lect. per week)

BIOL 101 BIOLOGY AND SOCIETY (3) (DB)

*Recommended Prep: ENG 100 or a higher-level English course; and CHEM 100 or a higher-level Chemistry course
Comment: Recommended concurrent enrollment in BIOL 101L*

This course introduces non-science majors to biological science and its relevance in daily life, including cell structure and function, genetics, evolutionary theory, plant and animal structure and function, and ecology. (3 hrs. lect. per week)

BIOL 101L BIOLOGY AND SOCIETY LAB (1) (DY)

Prerequisite or Co-requisite: BIOL 101

Laboratory to accompany BIOL 101 Biology and Society. This course introduces the scientific approach to problem-solving to students not majoring in natural sciences, and enhances understanding of major concepts in biology through experimentation. Lab topics include cell structure and functions, genetics, evolutionary theory, plant and animal structure and function, and ecology. (3 hrs. lab. per week)

BIOL 123 HAWAIIAN ENVIRONMENT SCIENCE (3) (DB)

Characteristics of science and interaction with society illustrated by topics in geology, astronomy, oceanography, and biology of Hawaiian Islands. (3 hrs. lect. per week)

BIOL 124 ENVIRONMENT AND ECOLOGY (3)

Co-requisite: BIOL 124L

Biological and physical principles affecting human/environment interaction; impact of science, technology, value and perceptions on global society and ecology; projections and options about human ecology. (3 hrs. lect. per week)

BIOL 124L ENVIRONMENT AND ECOLOGY LAB (1)

Co-requisite: BIOL 124

Laboratory experiments, field surveys/studies, demonstrations and projects illustrating topics in human ecology. (3 hrs. lab. per week)

BIOL 171 INTRODUCTION TO BIOLOGY I (3) (DB)

Co-requisite: BIOL 171L or Instructor Approval

Recommended Prep: High School Biology

Introductory biology for all life science majors.

Cell structure and chemistry; growth, reproduction, genetics, evolution, viruses, bacteria and simple eukaryotes. (3 hrs. lect. per week)

BIOL 171L INTRODUCTION TO BIOLOGY I LAB (1) (DY)

Prerequisite or Co-requisite: BIOL 171 or Instructor Approval

Recommended Prep: High School Biology

Laboratory to accompany BIOL 171.

(3 hrs. lab. per week)

BIOL 172 INTRODUCTION TO BIOLOGY II (3) (DB)

Co-requisite: BIOL 172L or Instructor Approval

Recommended Prep: High School Biology and college level reading and writing skills

Introduction to biology for all life science majors.

Continuation of BIOL 171. Exploration of biology with emphasis on biological diversity, anatomy and physiology of plants and animals, ecology and the biosphere. (3 hrs. lect. per week)

BIOL 172L INTRODUCTION TO BIOLOGY II LAB (1) (DY)

Prerequisite or Co-requisite: BIOL 172 or Instructor Approval

Recommended Prep: High School Biology and college level reading and writing skills

Laboratory to accompany BIOL 172.

(3 hrs. lab. per week)

BIOL 200 CORAL REEFS (3)

The course is an introduction to the biology, ecology and geology of coral reefs. Topics include the physical and chemical properties of coral reef habitats, reef geology, the physiology, anatomy, ecology, evolution, and cultural significance of coral reef organisms. Topics are discussed in the context of sustainability, global climate change, and the management of human impacts on coral reefs. Emphasis is on Hawaii's coral reefs, but comparisons are made among reefs from other areas. (3 hrs. lect. per week)

BIOL 265 ECOLOGY AND EVOLUTIONARY BIOLOGY (3)

Prerequisite: "C" or higher in BIOL 171, BIOL 171L, BIOL 172, and BIOL 172L or Instructor Approval

Principles of ecology and evolution for life science majors stressing integrated approach and recent advance. (3 hrs. lect. per week)

BIOL 265L ECOLOGY AND EVOLUTIONARY BIOLOGY LAB (1)

Prerequisite: "C" or higher in BIOL 171, BIOL 171L, BIOL 172, and BIOL 172L or Instructor Approval

Prerequisite or Co-requisite: BIOL 265

BIOL 265L is a laboratory that accompanies BIOL 265 and emphasizes investigation in Ecology and Evolutionary Biology. (3 hrs. lab. per week)

BIOL 275 CELL AND MOLECULAR BIOLOGY (3)

Prerequisite: "C" or higher in BIOL 171, BIOL 171L, CHEM 272, and CHEM 272L or Instructor Approval

Recommended Prep: Concurrent enrollment in BIOL 275L
An integrated cell and molecular biology course for life science majors. This course is designed to give the student a fundamental understanding of the structure

and biochemistry of eukaryotic and prokaryotic cells, as well as the basic principles of molecular biology, including the modern advances in biotechnology, recombinant DNA technology, and bioinformatics. (3 hrs. lect. per week)

BIOL 275L CELL AND MOLECULAR BIOLOGY LAB (2)

Prerequisite: "C" or higher in BIOL 171, BIOL 171L, CHEM 272, and CHEM 272L or Instructor Approval

Prerequisite or Co-requisite: BIOL 275

BIOL 275L is a lecture/laboratory in cell and molecular biology for life science majors. This course is taken either concurrently or after BIOL 275. Through lectures and laboratory exercises, students will acquire fundamental understanding of the biochemistry of the cell. Students will also acquire competence in modern advances in protein chemistry, recombinant DNA technology and biotechnology. (4 hrs. lab. per week)

BOTANY (BOT)

BOT 101 GENERAL BOTANY (3) (DB)

Co-requisite: BOT 101L

This course will cover introduction to plant biology; structures and functions of plant cells, tissues, and organs such as roots, stems, leaves and flowers; concepts of biological evolution and classification; the diversity of plants; genetics; ecology; and current topics of interest: biotechnology, agriculture and pollution effects on plants. (3 hrs. lect. per week)

BOT 101L GENERAL BOTANY LABORATORY (1) (DY)

Co-requisite: BOT 101

Laboratory sessions will involve specific application of lecture material. Laboratory observations, experiments and field trips will illustrate the basic principles of plant biology, plant propagation and environmental issues affecting plant growth. Students will be exposed to diverse farming technologies for sustainable food production. (3 hrs. lab. per week)

BOT 105 MEA KANU: HAWAIIAN PLANTS & THEIR USES (3)

(DS)

Prerequisite: Placement in ENG 100 + ENG 100S

This course explores the cultural uses of plants by humans in the Hawaiian archipelago and elsewhere in Polynesia. Focus will be upon those plants that were originally found in Hawai'i when early settlers came and those plants that were brought by them. Cross-listed as HWST 105. (3 hrs. lect. per week)

BOT 130 PLANTS IN THE HAWAIIAN ENVIRONMENT (3)

Co-requisite: BOT 130L

This course is a study of some of the plants which grow in Hawai'i. Plants will be identified and discussed in regard to their form and structure. Evolution and ecology of the plants will also be considered. (3 hrs. lect. per week)

BOT 130L PLANTS IN THE HAWAIIAN ENVIRONMENT LABORATORY

(1)

Co-requisite: BOT 130

Laboratories will involve specific application of lecture material and several field trips to various parts of O'ahu. (3 hrs. lab. per week)

BUSINESS LAW (BLAW)

BLAW 200 LEGAL ENVIRONMENT OF BUSINESS (3)

Prerequisite: ENG 100 or Placement in ENG 201-296;

MATH 25 or Placement in MATH 100 or higher

Introduction to the legal environment of business operations with particular attention to principles of law relating to contracts, agency, partnerships, and corporations. May be taken on a CR/N basis. (3 hrs. lect. per week)

CARPENTRY TECHNOLOGY (CARP)

CARP 20 CARPENTRY BASICS (3)

Prerequisite: Placement in ENG 100 ; MATH 50 or Placement in MATH 150 or higher

Co-requisite: CARP 26 and CARP 30

CARP majors only.

This course provides an overview of the tools, materials, and safety practices currently used in the industry. The safe use, care and maintenance of hand and power tools is emphasized. (6 hrs. lect./lab. per week)

CARP 22 CONCRETE FORMS (11)

CARP majors only.

This course is designed to familiarize students with concrete form construction. Topics include the construction terms, materials, methods used in construction, techniques in heavy concrete construction, uses of the builder's transit for leveling, setting grade lines, sighting overhead points, and plumbing columns. (5 hrs. lect.; 18 hrs. lab. per week)

CARP 26 CARPENTRY I (9)

Co-requisite: CARP 20 and CARP 30

This course provides students with an opportunity to acquire basic skills required for success in the Carpentry Trade. Students will complete projects using appropriate tools, materials, procedures and safety practices currently used in the industry. (18 hrs. lect./lab. per week)

CARP 30 BLUEPRINT READING FOR CARPENTERS (3)

Co-requisite: CARP 20 and CARP 26

CARP majors only.

The interpretation of symbols, conventions, legends, abbreviations, dimensioning techniques, visualization of subject projects, techniques and procedures for extraction from a set of construction drawings, information for accurate construction and the preparation of necessary drawings and sketches as required by the carpenter. (3 hrs. lect. per week)

CARP 41 ROUGH FRAMING AND EXTERIOR FINISH (11)

CARP majors only.

This course is designed to show students the basics of good house construction. Topics include layout and construction techniques of the various parts of a building—footings, foundations, wall and roof framings, roofings, exterior sidings, and door and window frames. City and County of Honolulu and Uniform Building Code regulations are introduced. (5 hrs. lect.; 18 hrs. lab. per week)

CARP 42 FINISHING (11)

CARP majors only.

This course is designed to show students the methods and materials used to finish the interior of a house. Topics include the reading of plans, preparation and application of the various ceiling materials, partition layout, wall and partition panels, door frames, hanging doors, closets, bathroom linings, kitchen cabinets, interior trims, finishing hardware, and material estimating. (5 hrs. lect.; 18 hrs. lab. per week)

CHEMISTRY (CHEM)

CHEM 100 CHEMISTRY AND SOCIETY (3) (DP)

Co-requisite: CHEM 100L

A non-mathematical descriptive overview designed to give the non-science major a basic understanding of chemistry, particularly as it relates to problems of society and the environment. The course includes topics such as atomic structure, chemical bonding, nuclear power and energy sources, air and water pollution, pesticides, drugs, plastics, soaps and detergents, and nutrition. (3 hrs. lect. per week)

CHEM 100L CHEMISTRY AND SOCIETY LABORATORY (1) (DY)

Co-requisite: CHEM 100

Experiments illustrating the role of chemistry in society to the nonscientist. (3 hrs. lab. per week)

CHEM 105 ENVIRONMENTAL CHEMISTRY (4) (DP) + (DY)

*Prerequisite: ENG 100 + ENG 100T OR ESL 13 & 14 OR Placement in ENG 100 + ENG 100S or ESL 23; Placement in MATH 24 or higher or Completion of MATH 50
OESM and FIRE majors (LBRT: Request Instructor Approval)
Introductory chemistry course covering basic and applied chemistry necessary for understanding toxicological and environmental effects of chemicals. Coordinated lecture and laboratory activities in basic chemistry, hazardous materials, applied biochemistry, and environmental chemistry.
(3 hrs. lect.; 3 hrs. lab. per week)*

CHEM 105C COSMETIC CHEMISTRY (3) (DP)

*Co-requisite: COSM 30, COSM 31, COSM 32, and COSM 33
COSM majors only.*

Application of chemical principles to cosmetology. The course content will include: atomic structure, chemical bonding, acids and bases, hair structure, shampoos, bleaches and tints, waving and hair straightening. (3 hrs. lect. per week)

CHEM 131 PREPARATION FOR GENERAL CHEMISTRY (3)

Prerequisite: MATH 25 OR Placement in MATH 103
 For students lacking preparation in chemistry. Provides background in algebra and elementary concepts of chemistry in preparation for entering the General Chemistry sequence. May be taken on a CR/N basis. (3 hrs. lect. per week)

CHEM 151 ELEMENTARY SURVEY OF CHEMISTRY (3) (DP)

Prerequisite: MATH 25 OR Placement in MATH 103
 Intended to provide the beginning student with a non-rigorous, but adequate, background in the fundamentals of chemistry. Suitable for students preparing for training in the life sciences and for those seeking a practical approach to chemistry. (3 hrs. lect. per week)

CHEM 151L ELEMENTARY SURVEY OF CHEMISTRY**LABORATORY (1) (DY)**

Prerequisite: MATH 25 OR Placement in MATH 103
Co-requisite: CHEM 151
 Experiments introducing laboratory techniques and illustrating chemical principles. (3 hrs. lab. per week)

CHEM 161 GENERAL CHEMISTRY I (3) (DP)

Prerequisite: MATH 103, OR Placement in MATH 135
Co-requisite: CHEM 161
 Basic principles of chemistry including stoichiometry. Introduction to solution phase chemistry. Gas phase chemistry. Introduction to thermodynamics, including enthalpies of formation and reaction. Introduction to atomic structure, periodic trends, chemical bonding, molecular structure. (3 hrs. lect. per week)

CHEM 161L GENERAL CHEMISTRY I LABORATORY (1) (DY)

Prerequisite: MATH 103, OR Placement in MATH 135
Co-requisite: CHEM 161
 Laboratory experiments illustrating concepts of chemistry discussed in CHEM 161. (3 hrs. lab. per week)

CHEM 162 GENERAL CHEMISTRY II (3) (DP)

Prerequisite: CHEM 161 and MATH 135 OR Placement in MATH 140
Co-requisite: CHEM 162
 (Continuation of CHEM 161) Liquids and solids. Solutions and colligative properties. Continuation of thermodynamics, including entropy and free energy. Principles and applications of chemical equilibrium, including acid-base chemistry (titrations, buffers). Kinetics. Redox reactions and electrochemistry. (3 hrs. lect. per week)

CHEM 162L GENERAL CHEMISTRY II LABORATORY (1) (DY)

Prerequisite: CHEM 161L and MATH 135 OR Placement in MATH 140
Co-requisite: CHEM 162
 Laboratory experiments illustrating concepts of chemistry discussed in CHEM 162. (3 hrs. lab. per week)

CIVIL ENGINEERING (CE)**CE 270 APPLIED MECHANICS I (3)**

Prerequisite: PHYS 170
 The study of equilibrium of rigid bodies under the action of forces and the application of the principles of mechanics to solve static problems in engineering. Vectors, force systems, friction, centroids and moment of inertia. (3 hrs. lect. per week)

CE 271 APPLIED MECHANICS II (3)

Prerequisite: "C" or higher in CE 270 and in MATH 242
 Dynamics of particle and rigid bodies; force-acceleration; impulse-momentum; work-energy. (3 hrs. lect. per week)

COMMUNICATION ARTS (CA)**CA 100 SURVEY OF GRAPHIC STYLES (3)**

Prerequisite: Placement in ENG 100
 The history, theory and criticism of communication arts since the industrial revolution, including how technology has been integrated into its production. The course will include an overview of production methods used in the communication arts today. (3 hrs. lect. per week)

CA 101 POWER OF ADVERTISING (3)

Prerequisite: Placement in ENG 100
 A look at the world of mass communications and its interrelationship to our culture. This course studies the impact and relevance of mass media on our society as technology moves us even farther into the information age. Emphasis is on how media affects and manipulates popular culture today through the understanding of the relationship between mass communication and culture. (3 hrs. lect. per week)

CA 121 ART AND MEDIA PREPARATION I (4)

CA majors only.
 Art and Media Preparation I focuses on the preparation and the creation of media assets of art work for printing and web delivery. Emphasis is on Illustrator and PhotoShop for direct and indirect input to include drawing, tracing, manipulating, and motion imaging for importing/exporting. (4 hrs. lect./demo. per week)

CA 122 COPY PREPARATION (4)

CA majors only.
 Copy Preparation focuses on preparing text for print production and web delivery using appropriate programs in combination with applicable hardware. Emphasis is on skill development in typesetting to include understanding type fundamentals, fonts, typographic imaging for special effects, as well as type for the web. (4 hrs. lect./demo. per week)

CA 123 COLOR THEORY AND ISSUES (4)

CA majors only.
 Color is the study of basic color theories that focuses on understanding hue, value and saturation as it applies to the perception of color and color mixing to

control contrasts, illusions, and spatial effects. Some of the issues include: digital color and its differences from pigment-based color; color spaces; hexadecimal colors on through digital display concerns on resolution and its effect on color. (4 hrs. lect. per week)

CA 125 BEGINNING GRAPHIC DESIGN (4)

CA majors only.

An introductory course in graphic design solutions, to include the application of art and communication skills to problem solve for visual solutions for business and industry needs. Emphasis is on design fundamentals; communicative concepts, strategy, and problem solving processes; typography; as well as various delivery formats. Students may enroll 2 times for a maximum of 8 credits. (4 hrs. lect. per week)

CA 131 ART AND MEDIA PREPARATION II (4)

Prerequisite: CA 121

Art and Media Preparation II focuses on the preparation and the creation of media assets of art work for printing and web delivery. Emphasis is on digital photographs and basic video editing to prepare video clips for use as assets in other media. Topics to also include color and color correction, calibration and compression issues. (4 hrs. lect. per week)

CA 132 PAGE COMPOSITION (4)

Prerequisite: CA 121 and CA 122

CA majors only.

Page Composition is a design and layout course for preparing digital files primarily for offset print production while addressing web layout differences. Emphasis is on composing layouts for brochures, newspaper ads and other print formats incorporating special effects, as well as single, spot and full color separations and trapping. (4 hrs. lect. per week)

CA 134 DIGITAL PHOTOGRAPHY (4)

Introduction to digital photography. Emphasis on tools, techniques, and software used to acquire and manipulate digital images. Digital camera required. (4 hrs. lect. per week)

CA 135 TYPOGRAPHIC DESIGN (4)

Prerequisite: CA 122

Prerequisite or Co-requisite: CA 125

CA majors only

A design course emphasizing the function of type to convey a message, establish a mood, attract attention, and/or create emphasis through typographic design projects that use type as the primary element in composition. Topics to include historical and contemporary type issues as well as web specific issues. Students may enroll 2 times for a maximum of 8 credits. (4 hrs. lect./demo. per week)

CA 142 PAGE AND WEB LAYOUT (4)

Prerequisite: CA 131 and CA 132

CA majors only.

A composing course for preparing and managing digital media assets and layouts for web delivery and print production. Emphasis is on multiple

deliveries and encompasses understanding of internet technologies and services. (4 hrs. lect. per week)

CA 143 PREPRESS AND DIGITAL PRINTING (4)

Prerequisite: CA 123 and CA 132

CA majors only.

Prepress and Digital Printing focuses on correcting and printing composited page layout files. Emphasis is on the preparation of the mechanical to successfully output to a digital device. Topics include color management, preflighting, printing, line conversion, full color separation, as well as hard and soft proofing. Students may enroll 2 times for a maximum of 8 credits. (4 hrs. lect. per week)

CA 145 GRAPHIC DESIGN (4)

Prerequisite: CA 100, 101, 123, 132, 135

CA majors only.

An advanced course in design solutions for various print related needs such as posters, brochures, publications, symbols and corporate systems. Topics to include web design principles as well. Communication skills to include oral, written and visual presentation. Students may enroll 2 times for a maximum of 8 credits. (4 hrs. lect. per week)

CA 146 ADVERTISING DESIGN (4)

Prerequisite: CA 100, 101, 123, 132, 135

CA majors only.

An advanced design course for planning and producing promotional and advertising material primarily for print media in consumer advertisements, direct advertising, point of purchase and public relations. Emphasis is on art direction and techniques used in the development of an ad campaign. Topics will include web and social media issues. Students may enroll 2 times for a maximum of 8 credits. (4 hrs. lect. per week)

CA 150 SPECIAL PROJECTS (4)

Prerequisite: CA 132

CA majors only.

An advanced course that provides students with on-the-job experience in a classroom environment. Emphasis is on producing posters, brochures, and other publications from conception to finish printed material. Extensive use of computer and other media skills. (4 hrs. lect. per week)

CA 152 THE BUSINESS OF ADVERTISING (4)

Prerequisite: CA 101

Prerequisite or Co-requisite: CA 145 or CA 146

CA majors only.

Overview of the structure of the advertising industry including an in-depth look at current business practice and employment in the various areas of the industry. (4 hrs. lect. per week)

CA 155 PORTFOLIO PRESENTATION AND REVIEW (4)

Prerequisite: CA 145

CA majors only.

Preparation, presentation, and review of a professional visual portfolio as required for employment in

Communications Art and related fields. Emphasis on developing a cohesive presentation format of projects reflecting various skills. (4 hrs. lect. per week)

CA 193V COOPERATIVE EDUCATION (1-4)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 24 OR Placement in MATH 25 or higher

Instructor approval required.

CA majors only.

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Communication Arts.

Students may enroll 4 times for a maximum of 12 credits. (5 hrs. work experience per week per credit)

COMPUTING, SECURITY, AND NETWORKING TECHNOLOGY (CSNT)

[Formerly Computing, Electronics, and Networking Technology (CENT)]

(See also Information and Computer Science)

CSNT 110 INTRODUCTION TO INFORMATION SYSTEMS (3)

Prerequisite: Placement in ENG 100; Placement in MATH 103 or MATH 135 or higher

Recommended Prep: ICS 100 or ICS 101 or comparable experience using office applications

This course provides an overview of Information Technology and introduces Internet resources and the fundamental concepts and skills of software development. Topics related to Internet resources include terminology, file formats, naming conventions, and current issues related to the Internet. Students will also learn basic programming skills and software development including discussion of compilers, interpreters, clients and servers, naming issues, programming languages and syntax. Another course may be substituted if ICS 111 has already been completed.

Cross-listed as ICS 110P.

(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 116 SECURITY AWARENESS CONCEPTS AND PRINCIPLES (1)

Prerequisite: ICS 100 or ICS 101

This course provides a basic survey of IT security awareness and data confidentiality, using a broad, easy to understand approach that explains the value of securing data, both for individuals and organizations. The class provides an overview of legislation, local, state, and federal privacy policies and liability of individuals and institutions related to data confidentiality and integrity. The course introduces risk management, security policies, and common threats and countermeasures. The course also presents best practices in access control and password policies.

(1 hr. lect. per week)

CSNT 130 ICT SUPPORT I (3)

Prerequisite: Placement in ENG 100; Placement in MATH 103 or MATH 135 or higher

Recommended Prep: ICS 100 or ICS 101 or comparable experience using office applications

This course introduces students to Information and Communications Technology (ICT) support topics. Students will learn essential concepts and skills to install, configure, and maintain mobile and portable devices, PCs, peripheral devices, networking, hardware, virtualization and cloud computing. Students will also learn how to troubleshoot hardware and networks. This course is based on ICT industry certification standards. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 131 ICT SUPPORT II (3)

Prerequisite: CSNT 130

This course introduces students to Information and Communications Technology (ICT) support topics. Students will learn essential concepts and skills to install, configure, and maintain operating systems, security, and software. Students will also learn professional safety and operational procedures. This course is based on ICT industry certification standards. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 132 ICT SUPPORT (4)

Prerequisite: Placement in ENG 100; Placement in MATH 103 or MATH 135 or higher

Recommended Prep: ICS 100 or ICS 101 or comparable experience using office applications

This course will provide the student with an introduction to Information and Communication Technology (ICT) support. The student will learn how to install, configure and maintain devices, PCs and software. Additional topics in wired and wireless networking, security and troubleshooting are also covered in this course. This course is based upon ICT industry certification standards. (3 hrs. lect.; 3 hrs. lab. per week)

CSNT 140 COMPUTER NETWORKING I (4)

Prerequisite: CSNT 130 or CSNT 132

This course introduces network architectures, models, protocols, and networking elements that connect users, devices, applications, and data through the internet across modern computer networks, including IP addressing and Ethernet fundamentals. Students will also learn switching concepts and technologies, and routing concepts and operations that support small-to-medium business networks, including wireless local area networks (WLANs) and security concepts and practices.

(2 hrs. lect.; 6 hrs. lab. per week)

CSNT 140A COMPUTER NETWORKING IA (3)

Prerequisite: Placement in ENG 100; Placement in MATH 103 or MATH 135 or higher

Prerequisite or Co-requisite: CSNT 130 or CSNT 132

Recommended Prep: ICS 100 or ICS 101 or comparable experience using office applications

This course introduces the architectures, models, protocols, and networking elements that connect users, devices, applications and data through the internet and across modern computer networks - including IP addressing and Ethernet fundamentals. By the end of the course, students can build simple local area networks (LANs) that integrate IP addressing

schemes, foundational network security, and perform basic configurations for routers and switches.
(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 140B COMPUTER NETWORKING IB (3)

Prerequisite: CSNT 140A

This course focuses on switching technologies and router operations that support small-to-medium business networks and includes wireless local area networks (WLANs) and security concepts. Students learn key switching and routing concepts. They can perform basic network configuration and troubleshooting, identify and mitigate LAN security threats, and configure and secure a basic WLAN.
(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 228 SYSTEM ADMINISTRATION & TCP/IP NETWORKING WITH UNIX/LINUX (4)

Prerequisite: CSNT 110 or ICS 110P, AND CSNT 140A or CSNT 140

The System Administration component of this course uses the Linux operating systems to introduce essential knowledge and skills for maintaining a computer that uses UNIX or Linux operating system. Students install the operating system, maintain user accounts, manage file systems and processes, install and configure software, and perform routine system maintenance and backup functions. Development and use of command line skills for navigation and management of Unix-like systems is a major focus of this course. The TCP/IP Networking with Unix/Linux component of this course examines protocols commonly used in TCP/IP networks. Students use graphical and command line protocol analyzers to examine data packets at the bit level for a various protocols including Ethernet, Address Resolution Protocol (ARP), Internet Control Messaging Protocol (ICMP), the User Datagram Protocol (UDP), Transmission Control Protocol (TCP), and the Domain Name System (DNS). (3 hrs. lect., 3 hrs. lab. per week)

CSNT 231 TELECOMMUNICATIONS (3)

Prerequisite: CSNT 140B or CSNT 140

Recommended Prep: CSNT 240 and PHYS 105

This course provides an introduction to telecommunication systems with an emphasis on digital data communication. Topics include wiring, testing, troubleshooting, transmission media and techniques, VOIP protocols, wireless and security, cellular technology, mobile technology, IoT (Internet of Things), and the emerging technologies of data communication. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 240 COMPUTER NETWORKING II (3)

Prerequisite: CSNT 140 or 140B

This course describes the architectures and considerations related to designing, securing, operating, and troubleshooting enterprise networks. This course covers wide area network (WAN) technologies and quality of service (QoS) mechanisms used for secure remote access. The course also introduces software-defined networking,

virtualization, and automation concepts that support the digitalization of networks. Student gain skills to configure and troubleshoot enterprise networks and learn to identify and protect against cybersecurity threats. They are introduced to network management tools and learn key concepts of software-defined networking, including controller-based architectures and how application programming interfaces (APIs) enable network automation.
(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 253 LINUX SYSTEM ADMINISTRATION (3)

Prerequisite: CSNT 140B and CSNT 228

This course focuses on the concepts, knowledge, and skills required to install, operate, maintain, upgrade, administer, and secure a Linux system in a networked environment. Students perform the tasks expected of a system administrator for administering and maintaining a Linux system.
(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 270 NETWORK OPERATING SYSTEMS I (3)

Prerequisite: CSNT 140B or CSNT 140

This course covers the installation, configuration and administration of a Windows network server/workstation environment. This course will also provide the student with an introduction to cloud computing along with an introduction to basic Windows scripting with PowerShell. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 275 SECURITY ESSENTIALS (4)

Prerequisite: CSNT 140 or CSNT 140B; AND CSNT 228

Prerequisite or Co-requisite: CSNT 270

Recommended Prep: CSNT 240

This course will provide the student an introduction to the basics of information security. Topics include risk identification and mitigation; security controls used to maintain confidentiality, integrity and availability; and the identification of appropriate technologies and products used to secure an information system. Awareness of applicable policies, laws and regulations, infrastructure, application, and information security are also discussed in this course.
(3 hrs. lect.; 3 hrs. lab. per week)

CSNT 280 DATABASE SYSTEMS I (3)

Prerequisite: CSNT 110 or ICS 110P

Prerequisite or Co-requisite: CSNT 131 or CSNT 132

CSNT, ISA and ICS majors only

CSNT 280 is a prerequisite for the CSNT APC program.

This course will introduce the student to the field of database systems. Students will learn concepts, principles, and types of database models including: flat file, relational, object relational and object-oriented. Extensive coverage of modeling and design of common database systems like relational databases will be the major focus of this course. Students will learn concepts and principles of database query languages, such as structured query language (SQL).
(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 281 INTRODUCTION TO DATA ANALYTICS & MACHINE LEARNING (3)**(FORMERLY CSNT 180 AND 184)***Prerequisite: CSNT 110 and MATH 115**Prerequisite or Co-requisite: CSNT 280*

This course provides an overview of changes in technology and culture driving the development of new data science and analytics occupational areas, the data analytics process lifecycle, fundamental concepts and applications of machine learning, and tools and resources available for analytics projects. Students will learn about various machine learning algorithms and gain an understanding of the advantages and shortcomings of each. Using various tools and methods, they will perform data collection, exploration, and preparation; apply machine learning methods to analyze and represent data; and use visualization tools to determine which aspects of data to emphasize. (2 hr. lect.; 3 hrs. lab. per week)

CSNT 282 ANALYTICS SYSTEMS (3)*Prerequisite: Placement in ENG 100; Placement in MATH 103; ICS 100 or ICS 101***(FORMERLY CSNT 181 AND 185)**

This course will introduce students to using industry developed and supported data analytics systems. Students will work with actual industry data analytics platforms and will perform the typical functions of a data practitioner. Activities include defining the project, sourcing and entering data into the system, as well as analyzing and visualizing the data. Students will gain experience in participating in a data analytics project and applying the skills of a data practitioner. Basic data analytics solutions and advanced industry data solutions in Machine Learning, Deep Learning and Artificial Intelligence will be explored. Possible industry data solution providers include Splunk, Microsoft Azure, Nvidia and AWS.

(2 hr. lect.; 3 hrs. lab. per week)

CSNT 285 INTRODUCTION TO INTERNET APPLICATIONS/WEB APPLICATIONS (3)*Prerequisite: ICS 111 and CSNT 280*

This course will introduce the student to the fields of Internet applications and Web applications. Students will learn concepts, technologies, and principles that support these applications including the development of an application architecture, an interface design, implementation of business rules and storage of data necessary for modern interactive applications. Students will also become familiar with special considerations to be accounted for when developing these types of applications including performance, security and other related issues.

(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 290V CSNT INTERNSHIP (1-4)*Prerequisite: CSNT 140**Instructor approval required.**CSNT majors only.*

CSNT Internship provides instruction and hands-on work experience related to the major field of interest,

under the guidance of an Honolulu CC faculty member and a work site supervisor. The semester's study should be comprehensive, covering as many aspects of the career field as possible. Emphasis is placed on integrating classroom and laboratory instruction with real world experience. In addition to work production and technical skills, particular attention will be directed towards workplace ethics and the student's ability to demonstrate positive work habits. Under special circumstances, and with prior approval, CSNT 290V/293V may be repeated for up to 8 credits. However, only 3 credits can be applied toward CSNT program requirements.

(5 hrs. work experience per week per credit)

CSNT 293V COOPERATIVE EDUCATION (1-4)*Prerequisite: CSNT 140**Instructor approval required.**CSNT majors only.*

Cooperative Education provides instruction and paid hands-on work experience related to CSNT, under the guidance of an Honolulu CC faculty member and a work site supervisor. The semester's study should be comprehensive, covering as many aspects of the career field as possible. Emphasis is placed on integrating classroom and laboratory instruction with real world experience. In addition to work production and technical skills, particular attention will be directed towards workplace ethics and the student's ability to demonstrate positive work habits. Under special circumstances, and with prior approval, CSNT 290V/293V may be repeated for up to 8 credits. However, only 3 credits can be applied toward CSNT program requirements.

(5 hrs. work experience per week per credit)

CSNT 310 NETWORK SECURITY (3)*Prerequisite or Co-requisite: CSNT 275*

This course introduces the student to the various methodologies for defending a network. Security is presented from the perspective of Defense in Depth. The students will be exposed to information system vulnerabilities and threats along with various methods of mitigation. The student will be introduced to the concepts, principles, types and topologies of firewalls including: packet filtering, proxy firewalls, application gateways, and stateful inspection. This course will expose the student to the various defense methodologies associated with Virtual Private Networks (VPN), Host Intrusion Detection Systems (HIDS) and Network Intrusion Detection Systems (NIDS). The student will also be introduced to securing wireless, voice, and video systems. Securing Internet and collaborative applications will also be discussed.

(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 315 NETWORK MANAGEMENT (3)*Prerequisite or Co-requisite: CSNT 275*

This course is designed to introduce students to the basics of managing a computer network. This course will cover the role of the network manager in developing and maintaining a computer networking

environment. Concepts such as network planning, network administration, traffic monitoring, and network performance will be covered. Students will learn how to use network management tools. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 330 ETHICAL HACKING (3)

Prerequisite: CSNT 275

This course will provide the student with an overview of common methods and techniques used by attackers to penetrate and exploit a network or information system. Also featured in this course are the protocols and technologies used to build networked systems and the methods and controls which can be used to protect them. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 331 TELECOMMUNICATIONS II (3)

Prerequisite: CSNT 140B or CSNT 140, AND CSNT 231

Recommended Prep: CSNT 345

This course explores technologies and trends transforming connection-oriented networks such as cellular 5G, wireless (WiFi-6), optical fiber (SONET) technologies, software defined networking (SD-WAN), cybersecurity, artificial intelligence and machine learning, network virtualization, cloud computing, and edge computing. Additional topics may include traffic engineering, quality of service, virtual private networks. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 336 MALWARE ANALYSIS (3)

Prerequisite: CSNT 275

Recommended Prep: CSNT 330

This course will introduce students to modern malware analysis techniques using industry tools and techniques. Students will work with malicious artifacts and will perform analysis of malware typical of what is seen in modern intrusions. Activities include analyzing code, reverse engineering functionality, understanding persistence, and defending against malicious code. Industry tools such as NSA's Ghidra and IDAPro will be used along with deploying defensive measures such as YARA and Snort. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 340 ENTERPRISE CORE NETWORKING (3)

Prerequisite: CSNT 140B or CSNT 140

Recommended Prep: CSNT 240

CSNT 340 includes implementation of core enterprise network technologies including dual stack (IPv4 and IPv6) architecture, virtualization, infrastructure, network assurance, security, and automation. Supports the Implementing Cisco Enterprise Network Core Technologies (ENCOR 350-401) certification exam. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 345 ENTERPRISE ADVANCED ROUTING AND SERVICES (3)

Prerequisite: CSNT 140B or CSNT 140

Recommended Prep: CSNT 240 and CSNT 340

CSNT 345 includes implementation and troubleshooting of advanced routing technologies and services including Layer 3, VPN services, infrastructure security, and infrastructure services.

This course supports the Implementing Cisco Enterprise Advanced Routing and Services (ENARSI 300-410) certification exam. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 375 VIRTUALIZATION (3)

Prerequisite: CSNT 275

Recommended Prep: CSNT 240

This course will provide the student with a foundation in server and client virtualization. The student will install, configure and manage a server virtual environment. Virtual machines, live motion, monitoring, resource management, virtual networking, data recovery, high availability and fault tolerance are also covered in this course. Data center storage is also a featured topic of this course. Students may enroll 2 times for a maximum of 6 credits. (2 hrs. lect.; 3 hrs. lab. per week)

CSNT 377 CLOUD INFRASTRUCTURE AND SERVICES (3)

Prerequisite: CSNT 240 and CSNT 275

This course will provide the student with an introduction to the technologies used to support traditional, virtualized, and cloud data center environments. Cloud deployment and service models, cloud infrastructure, and the key considerations in migrating to a cloud environment, are covered in this course. Backup/recovery, business continuity, security, and management of cloud environments are topics also covered in this course.

(2 hrs. lect.; 3 hrs. lab. per week)

CSNT 390 SPECIAL TOPICS IN CSNT (3)

Prerequisite or Co-requisite: ENG 200 or 209; AND MATH 103 or MATH 135 or higher

Instructor approval required.

This course will provide the student with the opportunity to develop skills in a specialized field of Information Technology. The content of this course will change as technology changes. The student should check with the instructor beforehand to determine the specific content of this course. May be taken twice for a maximum of 6 credits.

(2 hrs. lect.; 3 hrs. lab. per week)

COSMETOLOGY (COSM)

COSM 20 ELEMENTARY COSMETOLOGY THEORY (3)

Prerequisite: High School diploma or equivalent

Co-requisite: COSM 21, 22, 23 and HDFS 296

Recommended Prep: Placement in ENG 100 and MATH 100

COSM majors only.

Covers basic theory in hygiene and personal grooming; safety and infection control, salon ecology, design decisions, the law of color, the structure, diseases and disorders of hair, skin and nails. The Hawaii Revised Statutes 438 and 439; Hawaii Administrative Rules, Title 16, Chapter 78; Title 11, Board of Health Chapter 11.

(3 hrs. lect. minimum per week)

COSM 21 ELEMENTARY NATURAL HAIR SERVICES (6)*Prerequisite: High School diploma or equivalent;**Placement in ENG 100**Co-requisite: COSM 20, 22, 23 and HDFS 296**Recommended Prep: ENG 100 and MATH 100**COSM majors only.*

Comment: Students must purchase a basic Cosmetology Kit and textbooks on the first day of class. Students are required to wear a uniform for safety while in the program; covered soft sole shoes (protects feet from chemical splashes, injury, and slipping on wet surfaces). Full length solid black pants or slacks (to protect legs from chemical spills and the color black will hide stains). Black "polo" type shirt with no logos (the "polo" style shirt is a unisex style for comfort). A black smock is also for protection and comfort.

Elementary natural hair services will look at the use of art and science for hair sculpting and design. This course will introduce you to the "how" and "why" of hair sculpture and hair design. The students will learn how using procedural steps to achieve predictable results in hair services. After the introduction and demonstration of each area the students will be performing the techniques focusing on accuracy of each hair sculpture and hair design under the supervision of an instructor.

(3 hrs. lect. and 9 hrs. lab = 12 hrs. min. per week)

Additional Course Information: The National Industry Skills Standards for cosmetology abilities: problem sensitivity, arm-hand steadiness, finger dexterity, near vision, visualization , manual dexterity, depth perception, oral comprehension, and oral expression. As a salon professional you will be spending long hours standing, bending, reaching and repeating the same motions. "Cosmetology Fundamentals a Designer's Approach" By Pivot Point International

COSM 22 Elementary Chemical Hair Services (4)*Prerequisite: High School Diploma or equivalent;**Placement in ENG 100**Co-requisite: COSM 20, 21, 23 and HDFS 296**Recommended Prep: ENG 100 and MATH 100**COSM majors only.*

Comment: Students must purchase a basic Cosmetology kit and textbooks. Students are required to wear the department dress code for safety while in the program; covered soft sole shoes (protects feet from chemical splashes, injury, and slipping on wet surfaces). Elementary chemical hair services looks at the use of art, science and math for hair color, and texture services. Understanding the procedures and application techniques to achieve predictable results. After the introduction and demonstration of each area the students will be given the opportunity to practice, focusing on accuracy in various services using chemicals under the supervision of an instructor. (12 hrs. lab min. per week)

Additional Course Information: The National Industry Skills Standards for cosmetology abilities; problem sensitivity, arm-hand steadiness, finger dexterity, near vision, visualization, manual dexterity, depth

perception, oral comprehension and oral expression.

As a salon professional you will be spending long hours standing, bending, reaching and repeating the same motion. "Cosmetology Fundamentals a Designers Approach" By Pivot Point International

COSM 23 BASIC HAIR, SKIN AND NAIL CARE SKILLS (2)*Prerequisite: High School diploma or equivalent**Co-requisite: COSM 20, 21, 22 and HDFS 296**Recommended Prep: Placement in ENG 100 and MATH 100**COSM majors only.*

The introduction of why and how to perform maintenance services for promoting healthy hair, skin and nails. This course will include the safety and infection control measures necessary for the industry. (2 hrs. lect.; 6 hrs. lab. minimum per week)

COSM 30 INTERMEDIATE COSMETOLOGY THEORY (3)*Prerequisite: "C" or higher in COSM 20, 21, 22, 23**Co-requisite: COSM 31, 32, 33, and CHEM 105C**COSM majors only.*

Students will be introduced to theory of anatomy, electricity, and Hawaii Revised Statutes, Hawaii Administrative Rules, and Board of Health laws that govern the Cosmetology industry.

(3 hrs. lect. minimum per week)

COSM 31 INTERMEDIATE COSMETOLOGY CLINIC (5)*Prerequisite: "C" or higher in COSM 20, 21, 22, 23**Co-requisite: COSM 30, 32, 33 and CHEM 105C**COSM majors only.*

Comment: Students must have tools and implements required for the Cosmetology program and for the Intermediate courses. Students are required to be in the department dress code for safety and professional guidelines for the Cosmetology industry.

The students engage in practice of the skills they have acquired in their training on guests from the community in a beauty salon atmosphere.

(15 hrs. lab. minimum per week)

COSM 32 INTERMEDIATE COSMETOLOGY SKILLS (6)*Prerequisite: "C" or higher in COSM 20, 21, 22, 23**Co-requisite: COSM 30, 31, 33 and CHEM 105C**COSM majors only.*

Comment: Student must have tools and implements required for the Cosmetology program and for the Intermediate courses. Students are required to be in the department dress code for safety and professional guidelines for the Cosmetology industry.

Intermediate cosmetology skills takes an up close and personal look at the art and sciences in the areas in skin care treatments, men's hair sculpting, nail treatments, advanced chemical texturizing, makeup techniques, and advanced wet and thermal hair design. A design connection of art principals and elements are used to see the overall bigger picture of what can be achieved. After the introduction and demonstration of each area, the student will be performing the techniques, focusing on accurate application to produce predictable results.

(3 hrs. lect.; 9 hrs. lab. minimum per week)

COSM 33 LIFE SKILLS FOR COSMETOLOGY (1)

Prerequisite: "C" or higher in COSM 20, 21, 22, 23

Co-requisite: COSM 30, 31, 32 and CHEM 105C

COSM majors only.

This course contains essential life skills that will create a personal foundation for learners. As a salon professional dealing with the public every day, these skills are particularly important, and they will touch on skills for character development, interpersonal relationships, professional communication, career planning and self-management.
(1 hr. lect. per week)

COSM 40 ADVANCED COSMETOLOGY THEORY (3)

Prerequisite: "C" or higher in COSM 30, 31, 32, 33

Co-requisite: COSM 41, 42, 43, and PHIL 101

COSM majors only.

Students will be introduced to the theory of salon business and chemistry. Students may also review hair texture, hair color, nails, skin and the Hawai'i Revised Statutes, Hawai'i Administrative Rules, and Board of Health laws that govern the cosmetology industry.
(3 hrs. lect. minimum per week)

COSM 41 ADVANCED COSMETOLOGY CLINIC (5)

Prerequisite: "C" or higher in COSM 30, 31, 32, 33

Co-requisite: COSM 40, 42, 43, and PHIL 101

COSM majors only.

Comment: Students must have tools and implements required for the Cosmetology program and for the Advanced courses. Students are required to be in the department dress code for safety and to follow professional guidelines for the Cosmetology industry. Students engage in practice of the advanced skills they have acquired in their training on guests from the community in a beauty salon atmosphere. The students continue their product recommendation skills in retailing. (15 hrs. lab. minimum per week)

COSM 42 ADVANCED COSMETOLOGY (6)

Prerequisite: "C" or higher COSM 30, 31, 32, 33

Co-requisite: COSM 40, 41, 43, and PHIL 101

COSM majors only.

Comment: Students must have tools and implements required for the Cosmetology program and for the advanced courses. Students are required to be in the department's dress code to follow safety and professional guidelines for the Cosmetology industry.
Advanced cosmetology skills looks at the art and sciences of using combinations of skills learned in previous courses. Students will be introduced to formal long-hair design and wigs and hair additions. Advanced procedural steps are applied to hair services to achieve a finished look in preparation for the entry level positions in the industry.
(3 hrs. lect., 9 hrs. lab. per week minimum)

COSM 43 SALON MANAGEMENT (1)

Prerequisite: "C" or higher in COSM 30, 31, 32, 33

Co-requisite: COSM 40, 41, 42, and PHIL 101

COSM majors only.

The students learn salon management skills, with the emphasis on how to build and maintain a clientele necessary to become successful in the cosmetology industry.
(1 hr. lect. per week)

COSM 50V COSMETOLOGY THEORY AND PRACTICE (2-12)

Prerequisite: "C" or higher in COSM 40, 41, 42, 43

Instructor approval required.

COSM majors only.

Comment: Students will be expected to follow the department's dress code and supply their own Cosmetology kits, including tools and textbooks.

Continuation of cosmetology theory and lab. Hours attended apply toward the 1800 hours required to qualify for the Cosmetology Licensing State Board Examination. Students may enroll 2 times for a maximum of 12 credits. Student will register for the credits that will cover the minimum hours required to qualify for the Hawai'i State Board licensing examination. Some students may register for more credits than others.
(2 hr. lect., 10 hrs. lab. minimum per week)

COSM 80V COSMETOLOGY INSTRUCTOR TRAINING (1-13)

Prerequisite: Valid Cosmetology license, one year Cosmetology full-time work experience and meet all the Hawai'i State Cosmetology Board Teacher Training requirements; AND Placement in ENG 100.

Instructor approval required.

COSM majors only.

The application of teaching principles in the area of cosmetology with the development of communication skills in theoretical and technical knowledge acquired from experience in the field of cosmetology. Techniques of individual and group instruction in laboratory and related classes; evaluation of various methods. Student may meet criteria to take Hawai'i State Cosmetology Board Teacher's Exam for license. Repeatable until 13 credits are earned.
(40 hrs. lect./lab. maximum per week)

COSM 93V COOPERATIVE EDUCATION (1-4)

Prerequisite: "C" or higher in COSM 20, 21, 22, 23 and COSM 30, 31, 32, 33; 1200 clock hours in Cosmetology; Proof of medical insurance.

Instructor approval required.

COSM majors only.

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Cosmetology. Students may enroll 2 times for a maximum of 4 credits.
(5 hrs. work experience per week per credit)

DIESEL MECHANICS TECHNOLOGY (DISL)

(Course hours are expressed as total hours for a term.)

DISL 20 TECHNICAL PRACTICES (2)

Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher

Co-requisite: DISL 22, DISL 24, DISL 27

DISL majors only.

Classroom instruction and laboratory training in the identification, selection, safety procedures, use, and maintenance of protective hardware; lubricants and sealants; hand power tools; cleaning and lifting equipment; and precision measuring tools. The course also discusses hazardous waste.

(60 hrs. lect./lab. per term)

DISL 22 R & R COMPONENTS (3)

Prerequisite or Co-requisite: DISL 20

Co-requisite: DISL 24, DISL 27

DISL majors only.

Classroom instruction and hands-on training in the safe and proper techniques for the removal and replacement of S-Cam brakes, spring brake chamber, diaphragm, and wedge brakes; differentials, transmissions, and clutch assemblies; axle shafts, wheel bearings, and wheels (tire and rim assembly); front and rear spring assemblies, spring center bolts; walking beams; torque arms; drive shafts; and batteries, starters, fan belts, headlight and stop light bulbs. Adjustment of brakes, clutches, torque arms, wheel bearings, fan belts, and headlights follows manufacturer's specifications.

(90 hrs. lect./lab. per term)

DISL 24 OPERATOR ORIENTATION (2)

Prerequisite or Co-requisite: DISL 20

Co-requisite: DISL 22, DISL 27

DISL majors only.

Classroom instruction and laboratory training in safely moving a diesel truck in and out of a work stall. Instruction includes pre-trip inspection procedures; use of mirrors, guide persons, monitor gauges; starting and stopping the engine; applying service and parking brakes; moving forward and backward in a straight line, stopping on command, and turning in a forward and backward direction. Training also includes hoisting, tilting, and stacking pallets with a forklift. This course develops some of the competencies required for a CDL license.

(60 hrs. lect./lab. per term)

DISL 27 PREVENTATIVE MAINTENANCE (5)

Prerequisite or Co-requisite: DISL 20

Co-requisite: DISL 22, DISL 24

DISL majors only.

Classroom instruction and laboratory training in correct procedures and practices of medium/heavy duty truck inspection. Students will learn to perform entry-level technician inspection tasks.

(150 hrs. lect./lab. per term)

DISL 31 DRIVE TRAIN (4)

Prerequisite: DISL 20

Co-requisite: DISL 41

Classroom instruction and laboratory training covering both standard (single and multiple countershaft) manual transmissions. Specifically, through the disassembly, inspection, assembly, and adjustment of transmissions, a foundation will be provided for an understanding of the operating principles, basic components, and proper rebuilding and trouble shooting methods for transmissions. Also included will be Classroom instruction and laboratory training covering the disassembly, inspection, identification, and adjustment of several different models of differentials. Specifically, work stations will include: single reduction, two speed planetary reduction, and double reduction and interaxle differentials. Course exit competencies will include the ability to: disassemble and assemble; inspect parts; set bearing preload, backlash, and endplay; identify tooth contact pattern; and check gear runout and torque fasteners. All of these tasks will be performed to the required manufacturer specifications as found in the component manuals.

(120 hrs. lect./lab. per term)

DISL 34 BRAKES - AIR AND HYDRAULIC (5)

Prerequisite: DISL 20

Co-requisite: DISL 36, DISL 56

DISL majors only.

Classroom instruction and laboratory training covering air and hydraulic brake systems utilizing cutaways, training boards, components, and truck systems. Instruction in air brakes will include the assembly of a complete working system, followed by troubleshooting problems in the system. Also included will be proper brake adjustments and system testing, as well as repairs and safety when working with compressed air and spring brake chambers. Instruction in hydraulic brakes will include brake components, systems, troubleshooting and repairs, cutting drums and discs, and brake adjustments. Instruction will also include Air and Hydraulic Antilock Brake Systems (ABS) and Automatic Traction Control (ATC).

(150 hrs. lect./lab. per term)

DISL 36 SUSPENSION AND STEERING (5)

Prerequisite: DISL 20

Co-requisite: DISL 34, DISL 56

DISL majors only.

Classroom instruction and laboratory training in suspension and steering component names and functions; frame inspection and repair; alignment of all axles; proper jacking and support of frame; overhaul of steering gear box and king pins; inspection of springs and hangars; driveline angle; checking and adjustment to front end caster, camber, toe, height, and tire balance; KPI and centering of gear box. Laboratory instruction will also include the disassembly, inspection, assembly, and adjustment of actual truck suspension systems, and computerized wheel alignment.

(150 hrs. lect./lab. per term)



DISL 41 DIESEL ENGINES (8)

Prerequisite: DISL 20

Co-requisite: DISL 31

Instruction will center around the theory and operation of two and four cycle diesel engines. Instruction will include the disassembly, reassembly, maintenance, and repair of Detroit Diesel, Cummins Diesel, Caterpillar Diesel, and International Diesel engines. Cooling systems, lubrication, air and exhaust systems, fuel delivery and injection systems, and starting systems will also be covered. (240 hrs. lect./lab. per term)

DISL 52 ELECTRICAL/ELECTRONIC SYSTEMS (8)

Prerequisite: DISL 20

Prerequisite or Co-requisite: PHYS 100 & 100L, or PHYS 104

Co-requisite: DISL 61

DISL majors only.

Classroom instruction and laboratory training covering the purpose, design, theory, and operating principles of electrical/electronic systems. Special emphasis will be placed on developing the skills required to test, service, and repair electrical/electronic components and associated systems. (240 hrs. lect./lab. per term)

DISL 56 HYDRAULICS (2)

Prerequisite: DISL 20

Co-requisite: DISL 34, DISL 36

DISL majors only.

Instruction beginning with the fundamentals of hydraulic theory followed by instruction in the service, repair, and overhaul of the hydraulic circuits used on both stationary and mobile machinery.

(60 hrs. lect./lab. per term)

DISL 61 HEATING, VENTILATION, AND AIR CONDITIONING (4)

Prerequisite: DISL 20

Co-requisite: DISL 52

This course covers shop safety, training in specialty tools and equipment. Included are fundamental theories, diagnosis, and repair practices to automotive air conditioning systems. Presented in the course are the operation and function of the vacuum, electrical, and refrigeration circuits, along with computer controlled climate control systems. (120 hrs. lect./lab. per term)

and skills necessary for working with children birth through age eight, including children with special needs. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 115 HEALTH, SAFETY AND NUTRITION FOR THE YOUNG CHILD (3)

Prerequisite: Placement in ENG 100

Introduces theories and practices for creating and maintaining a safe, healthy learning environment for young children and adults in group settings.

Introduces guidelines and practices for providing for the nutritional needs of young children and adults in group settings. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 131 EARLY CHILDHOOD DEVELOPMENT: THEORY INTO PRACTICE (3)

Prerequisite: Placement in ENG 100

Introduces principles of human development from conception through age eight and how this informs practice. Focuses on the relationships between physical, cognitive, emotional and social aspects of the individual during this period. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 140 GUIDING YOUNG CHILDREN IN GROUP SETTINGS (3)

Prerequisite: Placement in ENG 100; "C" or higher in ECED 131

Addresses positive ways to support children's social-emotional development. Focuses on adult-child and child-child interactions and relationships. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 151F FIELD EXPERIENCE PRACTICUM #1 IN EARLY CHILDHOOD (3)

Prerequisite: Placement in ENG 100; "C" or higher in ECED 110 and in ECED 131 or HDFS 230

Prerequisite or Co-requisite: ECED 140

Co-requisite: ECED 151S

Instructor approval required.

A field-based practicum that serves as a mid-program supervised work experience in an early childhood education and care setting. It is designed to support students in integrating content knowledge with practice. May be taken on a CR/N basis. Students must be concurrently enrolled in ECED 151S. (15 hrs. practicum per week)

ECED 151S FIELD EXPERIENCE PRACTICUM #1 IN EARLY CHILDHOOD EDUCATION SEMINAR (1)

Prerequisite: Placement in ENG 100; "C" or higher in ECED 110 and in ECED 131 or HDFS 230

Prerequisite or Co-requisite: ECED 140

Corequisite: ECED 151F

Instructor approval required.

A discussion seminar designed to accompany ECED 151F and to support students as they integrate content knowledge with practice. May be taken on a CR/N basis. Students must be concurrently enrolled in ECED 151F. (1 hr. lect. per week)

EARLY CHILDHOOD EDUCATION

(ECED)

ECED 105 INTRODUCTION TO EARLY CHILDHOOD EDUCATION (3)

Prerequisite: Placement in ENG 100

Introduces and explores the nature of the field of early childhood education and care. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 110 DEVELOPMENTALLY APPROPRIATE PRACTICES (3)

Introduces concepts of developmentally appropriate practice and the importance of play. Provides an overview of and experience with the knowledge



ECED 152 EARLY LITERACY DEVELOPMENT (3)*Prerequisite: Placement in ENG 100*

This course begins with a survey of the history and contemporary issues and trends in early literacy development. It includes an in-depth exploration of how young children learn to read and write and what teachers and caregivers need to know and be able to do to support literacy development from birth through the primary years. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 158 THE HAWAIIAN CULTURE FOR YOUNG CHILDREN (3)*Prerequisite: Placement in ENG 100; "C" or higher in ECED 110*

This course gives an overview of the culture of Hawai'i that can be brought into the preschool classroom. Students will explore and study different aspects of the culture to identify understandings of the culture that are appropriate for young children. Individually and as a group, the students will develop appropriate activities and experiences for young children. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 170 INTRODUCTION TO WORKING WITH INFANTS AND TODDLERS (3)*Prerequisite: Placement in ENG 100*

Provides an overview of the basic skills needed for working with infants and toddlers and their families in group care settings. Focuses on interactive aspects of child development. Introduces infant-toddler caregiving routines and environments, and caregiver roles. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 245 CHILD, FAMILY AND COMMUNITY (3)*Prerequisite: ENG 100; "C" or higher in ECED 105*

Develops communication skills and other strategies for building effective relationships with diverse families and relevant community members. Introduces students to the local resources available for family referral. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 263 LANGUAGE AND CREATIVE EXPRESSION CURRICULUM (3)*Prerequisite: ENG 100; "C" or higher in ECED 110 and ECED 131*

Addresses creative and language disciplines, stages of development for each, and how these relate to appropriate early childhood curriculum. Includes designing curriculum for language, literacy, literature, and creative expression (art, music, & creative movement/dance) based on observation of children. Students must have contact with preschool children in a formal setting for observation and implementation of course assignments. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 264 INQUIRY AND PHYSICAL CURRICULUM (3)*Prerequisite: ENG 100; "C" or higher in ECED 110 and ECED 131*

Addresses physical development and inquiry disciplines, stages of development for each, and

how these relate to appropriate early childhood curriculum. Includes designing curriculum for physical development, and inquiry (math, science, and social studies) based on observation of children. Introduces integrated curriculum based on science and social studies topics. Students must have contact with preschool children in a formal setting for observation and implementation of course assignments.

May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 265 CHILDREN'S LITERATURE FOR EARLY CHILDHOOD TEACHERS (3)*Prerequisite: ENG 100; "C" or higher in ECED 110*

A survey of literature for young children with a focus on presenting picture books in early childhood classrooms. This course will provide an overview of exemplary authors and illustrators of children's literature, picture book genres, storytelling, and ways to incorporate literature throughout the early childhood curriculum. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 275 INCLUSION OF CHILDREN WITH SPECIAL NEEDS (3)*Prerequisite: ENG 100; "C" or higher in ECED 131*

Introduces the field of special education. Examines best practices for the education of young children with exceptionalities, with an emphasis on inclusion. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 296A INFANT AND TODDLER SEMINAR: FIELD EXPERIENCE, ENVIRONMENTS AND RELATIONSHIPS IN EARLY CHILDHOOD EDUCATION II (3)*Prerequisite: ENG 100; "C" or higher in ECED 131 or HDFS 230, and in ECED 151F, ECED 151S, and ECED 170**Recommended Prep: ECED 115 and ECED 245**Instructor approval required.*

Seminar for the Infant/Toddler Advanced Field Experience class which provides a culminating supervised work experience in an early childhood education and care setting with infants and toddlers. It is designed to support students in integrating content knowledge with practice, focusing on the environment, teaching and caregiving, curriculum, current issues and trends in the field, and relationships with children, families, and colleagues. May be taken on a CR/N basis. (3 hrs. lect. per week)

ECED 296C PRESCHOOL SEMINAR: FIELD EXPERIENCE IN EARLY CHILDHOOD EDUCATION II (2)*Prerequisite: ENG 100; "C" or higher in ECED 131 or HDFS 230, and in ECED 151F, and ECED 151S**Prerequisite or Co-requisite: ECED 263 and ECED 264**Co-requisite: ECED 296P**Recommended Prep: ECED 115 and ECED 245**Instructor approval required.*

Seminar to accompany the Preschool Laboratory Field Experience II class which is the culminating supervised work experience in an early childhood education and care setting. The seminar is designed to support students in integrating content knowledge with practice. May be taken on a CR/N basis. (2 hrs. lect. per week)

ECED 296I INFANT-TODDLER LABORATORY: FIELD EXPERIENCE IN EARLY CHILDHOOD EDUCATION II (2)

Prerequisite: ENG 100; "C" or higher in ECED 131 or HDFS 230, and in ECED 151F, ECED 151S, and ECED 170

Co-requisite: ECED 296A

Recommended Prep: ECED 115 and ECED 245

Instructor approval required.

Provides a culminating supervised work experience in an early childhood education and care setting with infants and toddlers. It is designed to support students in integrating content knowledge with practice. May be taken on a CR/N basis. (6 hrs. lab. per week)

ECED 296P PRESCHOOL LABORATORY: FIELD EXPERIENCE IN EARLY CHILDHOOD EDUCATION II (2)

Prerequisite: ENG 100; "C" or higher in ECED 131 or HDFS 230, and in ECED 151F and ECED 151S

Prerequisite or Co-requisite: ECED 263 and ECED 264

Co-requisite: ECED 296C

Recommended Prep: ECED 115 and ECED 245

Instructor approval required.

Provides a culminating supervised work experience in an early childhood education and care setting. It is designed to support students in integrating content knowledge with practice. May be taken on a CR/N basis. (6 hrs. lab. per week)

EARTH SCIENCES (ERTH)

[Formerly Geology & Geophysics (GG)]

ERTH 101 INTRODUCTION TO GEOLOGY (3) (DP)

(FORMERLY GG 101)

The study of Earth, the natural physical environment, landscape, rocks and minerals, rivers and oceans, volcanoes, earthquakes, plate tectonics and other internal processes; the effects of human actions on Planet Earth. (3 hrs. lect. per week)

ERTH 101L INTRODUCTORY GEOLOGY LABORATORY (1) (DY)

(FORMERLY GG 101L)

Prerequisite or Co-requisite: ERTH 101 or ERTH 103

The study of rocks and minerals, topographic and geologic maps and cross sections. (3 hrs. lab. per week)

ERTH 103 GEOLOGY OF THE HAWAIIAN ISLANDS (3) (DP)

(FORMERLY GG 103)

Recommended Prep: Placement in ENG 100 + ENG 100S
Survey of Hawaiian rocks, minerals, volcanism, erosion, sedimentation, landscape evolution, geologic history, and regional geology. (3 hrs. lect. per week)

EAST ASIAN LANGUAGE AND LITERATURE (EALL)

EALL 271 JAPANESE LITERATURE IN TRANSLATION (TRADITIONAL) (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

No knowledge of Japanese language is required.

Survey of traditional Japanese literature from ancient times to the mid-nineteenth century. Cross-listed as ENG 271. (3 hrs. lect. per week)

EALL 272 JAPANESE LITERATURE IN TRANSLATION (MODERN) (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

No knowledge of Japanese language is required.

Survey from mid-nineteenth century to the present. Major emphasis on fiction. Cross-listed as ENG 272. (3 hrs. lect. per week)

ECONOMICS (ECON)

ECON 120 INTRODUCTION TO ECONOMICS (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S; Placement in MATH 100 or higher

A broad introduction to understanding the functioning of economic systems and the problems of national economic performance in the United States. The problems of resource allocation in a market economy are also considered. Maximum of 6 credits transferable to UH Mānoa for any 2 of the following 3 courses: ECON 120, 130, 131. Note: This course does not satisfy requirements for Economics or Business majors at UH Mānoa. (3 hrs. lect. per week)

ECON 130 PRINCIPLES OF ECONOMICS I: MICROECONOMICS (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S; Placement in MATH 100 or higher

Economic behavior of individuals and of business firms in a market economy. Analysis of how commodity and factor prices are determined. Examination of current problems in resource allocation. Maximum of 6 credits transferable to UH Mānoa for any 2 of the following 3 courses: ECON 120, 130, 131. Note: This course satisfies requirements for Economics and Business majors at UH Mānoa. (3 hrs. lect. per week)

ECON 131 PRINCIPLES OF ECONOMICS II: MACROECONOMICS (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S; Placement in MATH 100 or higher

Analysis of economic systems with emphasis on the forces determining levels and changes of national income in the U.S. economy. Describes basic economic institutions within the context of government policies concerning unemployment, inflation and growth. Maximum of 6 credits transferable to UH Mānoa for any 2 of the following 3 courses: ECON 120, 130, 131. Note: This course satisfies requirements for Economics and Business majors at UH Mānoa. (3 hrs. lect. per week)

ELECTRICAL ENGINEERING (EE)

EE 150 INTRODUCTION TO COMPUTER PROGRAMMING METHODS (3)

Prerequisite: MATH 140

Introductory course on computer programming methods; emphasis on planning, writing, debugging of programs, together with basic applications. (3 hrs. lect. per week)

EE 160 PROGRAMMING FOR ENGINEERS (4)

Prerequisite: MATH 135

EE 160, a course for prospective engineers, is an introductory course on computer programming and modern computing environments with an emphasis on algorithm and program design, implementation, and debugging. A hands-on laboratory to develop and practice programming skills is included. (3 hrs. lect.; 3 hrs. lab. per week)

EE 211 BASIC CIRCUIT ANALYSIS I (4)

Prerequisite or Co-requisite: MATH 243 OR Placement in MATH 244; AND Physics 272

Linear circuits, time-domain analysis, transient and steady-state responses, phasors, impedance and admittance; network or system functions, frequency response and filtering, resonance. (3 hrs. lect.; 3 hrs. lab. per week)

EE 213 BASIC CIRCUIT ANALYSIS II (4)

Prerequisite: "C" or higher in EE 211

Prerequisite or Co-requisite: MATH 244

This is the second semester course in circuit analysis. It incorporates lecture and a lab to cover topics in advanced circuit analysis and in measuring instruments and techniques. (3 hrs. lect.; 3 hrs. lab. per week)

EE 296 SOPHOMORE PROJECT (3)

Prerequisite: "C" or higher in PHYS 170 or consent of instructor

EE 296 is a sophomore level individual or team project undertaken with pre-engineering faculty who give direction and guidance. The project provides design experience and develops practical skills for pre-engineering students intending to transfer to a four-year engineering program and major in Electrical Engineering. (2 hrs. lect.; 3 hrs. lab. per week)

advanced knowledge in residential wiring techniques. Laboratory exercises are designed to give students practical experience in different wiring techniques. (18 hrs. lab. per week)

EIMT 40 ELECTRICAL INSTALLATION THEORY II (4)

Prerequisite: "C" in EIMT 50 and in 52

Co-requisite: EIMT 42

EIMT majors only.

This course will take students into the more complex commercial and industrial wiring techniques with emphasis on the National Electrical Code and the principles of commercial and industrial blueprint reading. (5 hrs. lect. per week)

EIMT 42 ELECTRICAL INSTALLATION II (6)

Prerequisite: "C" in EIMT 50 and in EIMT 52

Co-requisite: EIMT 40

EIMT majors only.

A course designed to advance the student to a higher level of electrical installation skills. This course will take students into more complex commercial and industrial wiring techniques. (18 hrs. lab. per week)

EIMT 44 AC/DC SYSTEMS AND EQUIPMENT (4)

Prerequisite: "C" in EIMT 30 and in EIMT 32

Co-requisite: EIMT 46

EIMT majors only.

This course is designed to advance the student into electrical principles of direct-current and alternating-current circuits and equipment. Emphasis is placed on the theory, operating characteristics and control of AC and DC machinery. (5 hrs. lect. per week)

EIMT 46 ELECTRICAL MAINTENANCE AND REPAIR (6)

Prerequisite: "C" in EIMT 30 and in EIMT 32

Co-requisite: EIMT 44

EIMT majors only.

This course consists of supervised lab activities combining trade practices and related technical instruction to provide the most effective means of developing the students' mechanical, manipulative, and troubleshooting skills. Emphasis is placed on methods of installation, maintenance, trouble-shooting and repair of electrical machinery and related control equipment. (18 hrs. lab. per week)

EIMT 50 SOLID STATE CONTROL (4)

Prerequisite: "C" in EIMT 44 and in EIMT 46

Co-requisites: EIMT 52

EIMT majors only.

This is a course designed to introduce students to the principles and application of solid state control. The topics to be covered include the fundamentals of solid state devices; digital logic; solid state fire alarm and security systems; solid state motor control; programmable controllers. (5 hrs. lect. per week)

EIMT 52 SOLID STATE CONTROL LAB (6)

Prerequisite: "C" in EIMT 44 and in EIMT 46

Co-requisite: EIMT 50

EIMT majors only.

This is a lab course designed to give students a

ELECTRICAL INSTALLATION AND MAINTENANCE TECHNOLOGY (EIMT)

EIMT 30 ELECTRICAL INSTALLATION THEORY I (4)

Co-requisite: EIMT 32

EIMT majors only.

This course is designed to develop knowledge of basic and advanced residential wiring with emphasis on the National Electrical Code and the principles of residential blueprint reading. (5 hrs. lect. per week)

EIMT 32 ELECTRICAL INSTALLATION I (6)

Co-requisite: EIMT 30

EIMT majors only.

This course is designed to provide the basic and



working knowledge and hands on experience with solid state control devices and systems. Students will learn how to install, maintain, troubleshoot, and repair a variety of solid state components and systems. (18 hrs. lab. per week)

EIMT 93V COOPERATIVE EDUCATION (1–4)

Prerequisite: MATH 50 or Placement in MATH 150 or higher

Instructor approval required.

EIMT majors only.

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in electricity. Students may enroll 4 times for a maximum of 12 credits.

(5 hrs. work experience per week per credit)

ENGLISH (ENG)

ENG 100 COMPOSITION I (3)

Prerequisite: Placement in ENG 100, OR "C" or higher in ESL 23 AND ESL 24, OR "C" or higher in IS 125

Introduction to the rhetorical, conceptual, and stylistic demands of writing at the college level. Instruction in the composing process, search strategies, and writing from sources. (3 hrs. lect. per week)

ENG 100S COMPOSITION SUPPLEMENT I (1)

Prerequisite: Placement in ENG 100 with ENG 100S co-requisite

Co-requisite: ENG 100

ENG 100S is taken in conjunction with ENG 100. Together these courses combine support designed to allow students to complete college English in a single semester. Graded on a CR/N basis. (3-6 hrs. lect. per week)

ENG 100T COMPOSITION SUPPLEMENT II (2)

Prerequisite: Placement in ENG 100 with ENG 100T co-requisite

Co-requisite ENG 100

ENG 100T is taken in conjunction with ENG 100. Together these courses combine instruction support designed to allow students to complete college English in a single semester. This co-requisite also requires mandatory writing center tutoring. Graded on a CR/N basis. (3-6 hrs. lect. per week)

ENG 200 COMPOSITION II (3)

(FORMERLY ENG 210)

Prerequisite: "C" or higher in ENG 100

A writing intensive composition course that provides advanced study of rhetorical, conceptual, and stylistic techniques of writing. The course emphasizes argumentative papers supported by research, including methods of investigation, discovery, analysis, and documentation. (3 hrs. lect. per week)

ENG 201 INTRODUCTION TO CREATIVE WRITING (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Introduction to three genres of creative writing and

practice in writing poems and short stories which includes creative writing assignments, discussion of professional works, and discussion of each student's writing. (3 hrs. lect. per week)

ENG 207 FICTION WORKSHOP (3)

(FORMERLY ENG 202)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

This course is a writing workshop designed for students with some knowledge of fiction writing. Through the creation of original short stories and the analysis of published work and student drafts, students will gain knowledge and experience as well as develop creativity within the fiction genre. (3 hrs. lect. per week)

ENG 209 BUSINESS AND MANAGERIAL WRITING (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

A study of business and managerial writing. Practice in writing letters, memos, procedures and reports, including a recommendation report requiring research, problem definition and solution proposals. (3 hrs. lect. per week)

ENG 250 AMERICAN LITERATURE (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

A study and analysis of major works of American literature with equal emphasis placed upon works created before and after 1900. Novels, short stories, poems, and modern drama are studied. (3 hrs. lect. per week)

ENG 251 BRITISH LITERATURE TO 1800 (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Study of major British works from the Middle Ages to 1800. (3 hrs. lect. per week)

ENG 252 BRITISH LITERATURE AFTER 1800 (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Study of major British works from 1800 to the present. (3 hrs. lect. per week)

ENG 253 WORLD LITERATURE TO 1600 (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Study of representative works of Classical, Oriental, and European literature from ancient times to the 17th century. (3 hrs. lect. per week)

ENG 254 WORLD LITERATURE AFTER 1600 (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Study of representative works of Oriental, European, and American literature from 1600 to present. (3 hrs. lect. per week)



ENG 255 SHORT STORY AND NOVEL (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Study and criticism of short stories and novels and how they are created. (3 hrs. lect. per week)

ENG 256 POETRY AND DRAMA (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Study and criticism of drama, biography, and poetry, their evolution and form. (3 hrs. lect. per week)

ENG 257A LITERARY PERSPECTIVES IN JAPANESE ANIME (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

This course examines Japanese Anime as a commentary on society and culture. With a primary focus on anime as an expression of these themes the topics will include community, identity, history, and gender identity. (3 hrs. lect. per week)

ENG 257B BASEBALL IN LITERATURE (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Although sports are often overlooked in discussions of literature, this course examines the many rich writings on baseball and its impact on society. The course analyzes the different themes, including humor, drama, and love of the game. Feel what it is like to sit in an outfield bleacher, watching the last inning with the score tied 1-1. (3 hrs. lect. per week)

ENG 257C COMEDY AND SATIRE IN LITERATURE (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

A study of comedy and satire in literature, examining how humor works in writing, looking at the differences of satire, parody, dark humor and light humor. The course analyzes famous and not-so-famous examples of literary humor and explores the social issue behind the surface meaning. (3 hrs. lect. per week)

ENG 257E WILD WRITING: ENVIRONMENTAL AND ECOLOGICAL NON-FICTION (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

An examination of ecology and environmental studies, thought, and policy through reading and writing about works of ecological and environmental non-fiction prose concerning people and the planet. The course will focus on basic terminology and concepts of ecological and environmental issues in texts that explore human attitudes toward the wild, the world, and their shifting borders. The focus includes multiple and multi-faceted views of how human beings live, might live, and should live in the world we inhabit today. (3 hrs. lect. per week)

ENG 257F WOMEN IN LITERATURE (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

A thematic study of women in literature. Readings from various types of literature: novels, plays,

short stories, and poetry. Focus includes women in various cultures, traditional myths and roles of women, contemporary alternatives, and famous women writers. (3 hrs. lect. per week)

ENG 257G MANGA AS LITERATURE (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Course explores the history of manga and its relationships to culture, history, identity, politics, gender, and sexuality in Japan and in other countries. Course will analyze the aesthetics, themes, and structure of manga and the development of audiences and sub-genres as well as its popularization across the world and connections to anime. (3 hrs. lect. per week)

ENG 257H HIP-HOP LITERATURE AND URBAN CULTURE (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

An examination of hip-hop and urban culture as a movement of artistic, social, and political resistance to racial, economic, and gender oppression. With a primary focus on literature, criticism, spoken word poetry, and rap, topics will include language, community, identity, justice, history, and politics. (3 hrs. lect. per week)

ENG 257K LITERATURE ON HAWAII-LOCAL AND NON-LOCAL PERSPECTIVES (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

In an exploration of writings on Hawai`i, the class will compare local and non-local authors through readings, discussions, essays, and journals to discover and critique the perspectives of the authors. The class will analyze the writings on social issues, cultural awareness, exploitation, political implications, religious influence, and other impressions of Hawaii. (3 hrs. lect. per week)

ENG 257M CROSS-CULTURAL PERSPECTIVES IN ASIAN/PACIFIC LITERATURE (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

Although stereotypes of both Asian and Pacific Islanders have existed through history, writers in English, in both groups, have emerged to tell their stories, battling misconceptions. The course studies and analyzes Asian and Pacific writers who deal with issues like colonialism, immigration, and marginalism. The works will be read as pieces of literatures while carefully considering their poetic and narrative forms. (3 hrs. lect. per week)

ENG 257N BOOKS AT THE MOVIES (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

This course examines the adaptation of classic and contemporary works from literature to film and the varied techniques for translating a literary work into a cinematic work. The course analyzes the themes, topics, story-telling structure, strategies, and devices employed in both literature and film. The primary focus is on literature, emphasizing



how a work of words is adapted to film and how comparisons between works in the two arts informs our understanding and increases our appreciation. The course also addresses the ongoing history of the adaptation of literature to film and the many ways each art encourages and influences the other. (3 hrs. lect. per week)

ENG 2570 OKINAWAN LITERATURE (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
Course explores the world of Okinawan literature from translations of early poems to contemporary works by Okinawan writers in Okinawa and around the world. Students will learn how literature expresses the culture, history, values, and conflicts of the Okinawan people. The course also discusses how literature expresses, contests, and develops Okinawan identity. May be taken on a CR/N basis. (3 hrs. lect. per week)

ENG 257P LITERATURE AND THE SEA (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
This course examines how the sea functions as a physical, philosophical, and psychological setting. Through close textual analysis, the course explores the symbolic power of the ocean: what does our topological understanding of the sea reveal about humanity? Is the sea a metaphor for predominantly feminine or masculine imagery? How do descriptions of the sea change according to culture and economic system? (3 hrs. lect. per week)

ENG 257S COMICS, SUPERHEROES, AND SOCIETY (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
While comic books are often derided for being immature examples of escapist entertainment or, as in the 1950s, for encouraging perverse behavior, comic books and superheroes have always provided an excellent barometer for measuring American society in general—Superman, Captain America, and others as instruments for propaganda; the Fantastic Four, Iron Man and Hulk as expressions of American Cold War power yet also reflecting social anxieties about nuclear war; Spider-Man, Dr. Strange and others embracing the values of the counter-culture and the Punisher and Frank Miller's The Dark Knight Returns embodying the Reagan-era backlash against the counter-culture; The X-Men and multiculturalism and gay rights. (3 hrs. lect. per week)

ENG 257X SCIENCE FICTION (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
This course explores the interplay of science, technology, and literature and examines the authors' world views, philosophical and religious thought and the impact of science and technology on life, art, and the imagination. How these works resist potential dehumanizing aspects of technology and how technological development can encroach upon identity will be discussed. (3 hrs. lect. per week)

ENG 257Y YOUNG ADULT NOVEL (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
This course examines the young adult novel, both contemporary and classic, and analyzes and evaluates the themes, topics, structure, storytelling techniques, and literary devices appearing in young adult literature. The primary focus will be on literature, particularly the novel, and the rise of writing about and for young adults in the twentieth century and beyond. Among others, areas of focus include issues of identity, family, community, and tensions social, economic, and political as encountered by teens becoming adults. The course also examines the genre of young adult literature as a twentieth-century phenomenon for teen readers and the publishing world as well as the growing tradition of translating young adult novels into films. (3 hrs. lect. per week)

ENG 257Z LITERATURE AND GLOBALIZATION (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
A study of literary representations of globalization. Through readings of various genres, the course examines how literary works thematize the social and cultural effects of the global flows of capital, technology, information, commodities, and people. (3 hrs. lect. per week)

ENG 268 LITERARY NONFICTION (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
This course is an introduction to the genre of literary nonfiction. The course provides an opportunity to study and practice the techniques of what is sometimes known as New Journalism or even New New Journalism. Cross listed as JOUR 268. (3 hrs. lect. per week)

ENG 271 JAPANESE LITERATURE IN TRANSLATION

(TRADITIONAL) (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
Survey of traditional Japanese literature from ancient times to the mid-nineteenth century. Cross-listed as EALL 271. (3 hrs. lect. per week)

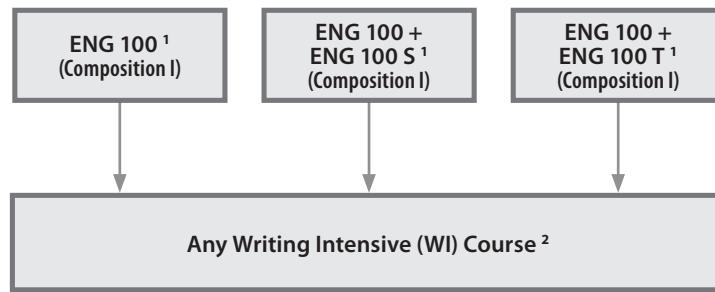
ENG 272 JAPANESE LITERATURE IN TRANSLATION

(MODERN) (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
Survey from mid-nineteenth century to the present. Major emphasis on fiction. Cross-listed as EALL 272. (3 hrs. lect. per week)

College Level English Sequence Chart

HONOLULU CC PLACEMENT POLICY: All students place in ENG 100. Based on Smarter Balanced, high school grade point average, HiSet, GED, CLEP or other measures, students may be required to take ENG 100 with supplementary courses ENG 100S or ENG 100T. Writing samples may also be used to determine whether supplementary instruction is required.



Revised 2/28/19

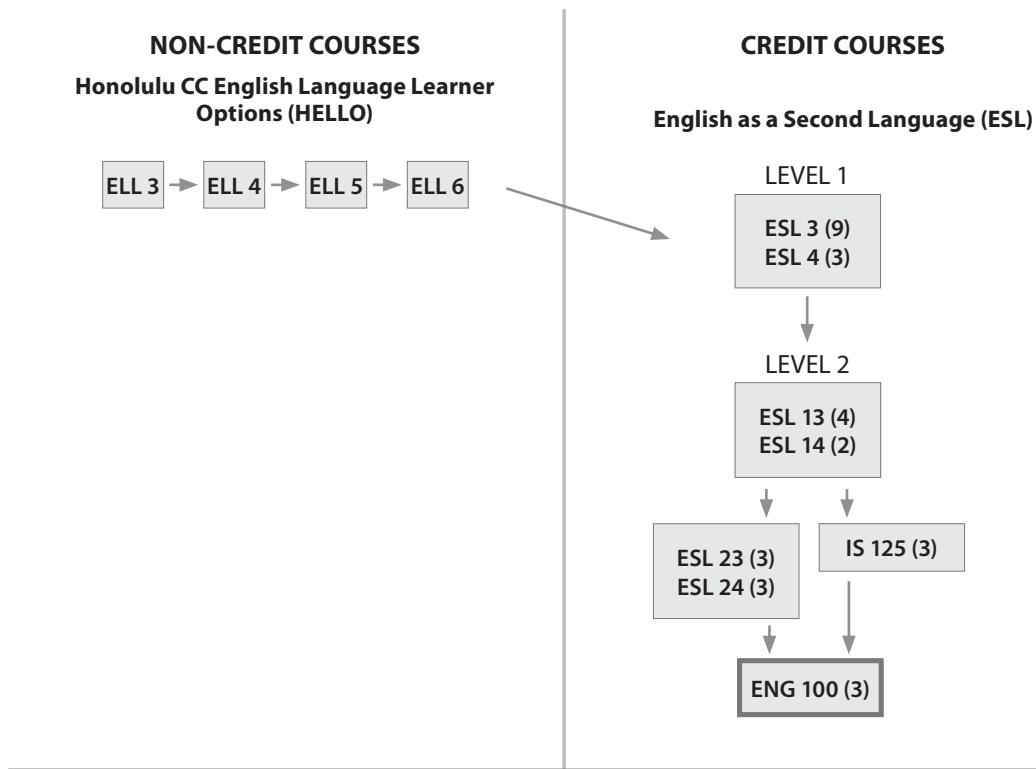
Notes:

- ¹ ENG 100 with ENG 100S or ENG 100T allow students to complete ENG 100 in one semester.
- ² A grade of "C" or higher is required in ENG 100 to enroll in Writing Intensive (WI) courses.



English For Non-Native Speakers Sequence Chart

This chart illustrates the sequence of ESL and HELLO courses offered at Honolulu CC for non-native students. Levels are determined by placement tests or other evaluations.



Revised 4/12/24

ENGLISH AS A SECOND LANGUAGE (ESL)

NOTE: Non-credit Hon CC English Language Learner Options (HELLO) courses are also available.

ESL 3 COLLEGE READING/WRITING SKILLS (9)

Prerequisite: ICE 6 OR Placement in ESL 3

Co-requisite: ESL 4

This course will provide students with a foundation in reading and writing skills necessary to succeed in subsequent English, Liberal Arts, and Technical/Occupational courses. There are two components to this class: students will read authentic pieces of writing, written for native speakers of English, and will focus on vocabulary development and comprehension. Writing assignments based on the readings will also be done.
(9 hrs. lect. per week)

ESL 4 GRAMMAR I (3)

Prerequisite: Placement in ESL 4 or Instructor Approval

Co-requisite: ESL 3

This course is a study and practice of high-beginning to intermediate grammar. It will provide students with a solid foundation in grammar to succeed in subsequent English and Liberal Arts courses.
(3 hrs. lect. per week)

ESL 13 COLLEGE READING/WRITING SKILLS II (4)

Prerequisite: "C" or higher in ESL 3 OR Placement in ESL 13

Co-requisite: ESL 14

This course will provide the student with advanced reading and writing skills necessary to succeed in subsequent English, Liberal Arts, and Technical/Occupational courses. There are two components to this class: students will read authentic pieces of writing, written for native speakers of English, and will focus on vocabulary development and comprehension. Writing assignments based on the readings will also be done. (4 hrs. lect. per week)

ESL 14 GRAMMAR II (2)

Prerequisite: "C" or higher in ESL 4 OR Placement in ESL 14

Co-requisite: ESL 13

This course is a study and practice of intermediate to advanced grammar. Common grammar problem areas will be focused on with required written compositions based on those specific grammar points. It will provide students with a solid foundation in grammar to succeed in subsequent English, liberal arts, and technical/occupational courses. (2 hrs. lect. per week)

ESL 23 INTRODUCTION TO EXPOSITORY WRITING FOR NNS (3)

Prerequisite: ESL 13

Co-requisite: ESL 24

This course provides intensive study of structure, usage, and vocabulary of English as a necessary prelude to effective writing. Emphasis is placed on the development of paragraphs to communicate ideas in short papers. Students are encouraged to exercise critical thinking and clear, correct language in their writing. (3 hrs. lect. per week)

ESL 24 GRAMMAR III (3)

Prerequisite: ESL 14

Co-requisite: ESL 23

This course is a study and practice of advanced grammar, covering such topics as verb tense, passive voice, gerunds, infinitives, adjective clauses, indirect speech, and embedded questions. Problematic grammar areas for non-native speakers of English (NNS) at the high intermediate/advanced level will be focused on with subsequent written compositions based on those specific grammar points.
(3 hrs. lect. per week)

ESL 100 COMPOSITION I FOR NON-NATIVE SPEAKERS OF ENGLISH (3)

Prerequisite: Placement in ENG 100, OR "C" or higher in ESL 23 AND ESL 24, OR "C" or higher in IS 125

ESL100 is designed for advanced, non-native speakers that focuses on critical reading and expository college-level writing. This course provides extensive practice using the writing process to complete the composition and revision of essays and other forms of expository writing including analysis, interpretation, and research writing using a variety of sources. By the end of this course, students will complete a minimum of 5000 words of quality writing. (3 hrs. lect. per week)

ESL 124 TOPICS IN ENGLISH FOR PROFESSIONS (1)

This course teaches non-native English speakers vocabulary and expressions used by specific professions. Classes provide hands-on, content-rich educational experiences that encourage active engagement with advanced English terminology used in such fields as health care, travel, real estate, among others. (3 hrs. lect. per week for 5 weeks)

ENTREPRENEURSHIP (ENT)

ENT 195A SOCIAL MEDIA MARKETING (1)

ENT 195A offers a hands on approach to developing your social media brand, creating and managing your social media strategy, and expanding your digital audience. (1 hrs. lect. per week)

ENT 195B ENTREPRENEURSHIP AND COMMUNICATION (1)

ENT 195B will introduce students to the process of pitching and presenting a business idea, interviewing for an internship, and interviewing business owners, potential customers, and other stakeholders
(1 hrs. lect. per week)

ENT 195C FINANCIAL MANAGEMENT FOR ENTREPRENEURS (1)

This course provides students with an introduction to the basics of finance for small businesses, including managing cash flow. (1 hrs. lect. per week)

ENT 195V ENTREPRENEURSHIP EXPERIENCES (1-3)

Prerequisite: Instructor approval required

ENT 195V offers a practicum or short-term internship to gain professional business experience. Students will be required to spend three hours per week per credit directly working on their project.
(6 credits maximum for all enrollments)



FASHION TECHNOLOGY (FT)

FT 111 ART AND DESIGN IN FASHION (3)

A survey of fashion as it relates to art and design. Line, color, balance, proportion are studied providing guidelines to understanding fashion and how it communicates personal image to society. (3 hrs. lect. per week)

FT 125 FASHION SHOW PRODUCTION (3)

Comprehensive practical and virtual experience including all factors required for the preparation and production of fashion shows, clinics, and other fashion promotions. (3 hrs. lect. per week)

FT 129 TEXTILE ART (3)

(FORMERLY FT 29)

Commercial and individual approaches to design, color and printing techniques used in textiles. (2 hrs. lect.; 3 hrs. lab. per week)

FT 200 CULTURE, GENDER AND APPEARANCE (3)

Prerequisite: Placement in ENG 100

Social construction of gender within culture and its visual expression through appearance. Analysis of role, identity, conformity, and deviance in human appearance. (3 hrs. lect. per week)

FT 205 BASIC APPAREL CONSTRUCTION (4)

Principles, concepts and procedures for quality construction and custom fitting of clothing. (3 hrs. lect.; 3 hrs. lab. per week)

FT 215 BLOCK PATTERN DESIGN I (3)

Prerequisite or Co-requisite: FT 205

Principles of pattern making for women's apparel through manipulation of pattern blocks. (2 hrs. lect.; 3 hrs. lab. per week)

FT 216 FASHION ILLUSTRATION (3)

Principles and techniques of sketching the fashion figure including garment details and fabric drape. Development of a personal style of illustration. Introduction to use of computers for illustration. (3 hrs. lect. per week)

FT 217 BLOCK PATTERN DESIGN II (3)

Prerequisite: FT 205 & FT 215; Placement in ENG 100

Prerequisite or Co-requisite: MATH 100

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Expanding and refining the technical and production methods of flat patternmaking. Applying construction and alteration techniques to samples and final garments. (2 hrs. lect.; 3 hrs. lab. per week)

FT 221 TEXTILES I (3)

(FORMERLY FT 140)

Prerequisite: Placement in ENG 100 + ENG 100S Introduction to fibers, fabric structure, and how finishes relate to selection and care. Interrelationship between textile characteristics, properties, and end uses. (3 hrs. lect. per week)

FT 228 INTRODUCTION TO INDUSTRIAL SEWING (3)

(FORMERLY FT 28)

Prerequisite: FT 205 & FT 215

Prerequisite or Co-requisite: FT 217

Note: Projects and Notebook samples are required to be only sewn on Industrial Equipment which is located in the Fashion Technology Department.

An introduction to apparel manufacturing with emphasis on various stitch and seam types utilizing industrial machines and attachments. Career opportunities and industry terminology will also be covered in this course. (2 hrs. lect.; 3 hrs. lab. per week)

FT 230 CREATIVE LINE DESIGN - CAPSTONE (3)

(FORMERLY FT 30)

Prerequisite: FT 217 & 236

Prerequisite or Co-requisite: FT 125

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory.

Capstone Course: The creative process of apparel design is emphasized by developing and producing a line of garments within a collection for industry or entrepreneurship. (2 hrs. lect.; 3 hrs. lab. per week)

FT 236 DRAPING (3)

(FORMERLY FT 36)

Prerequisite: FT 217

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory.

Basic fundamentals of draping with standard and individual forms. (2 hrs. lect.; 3 hrs. lab. per week)

FT 237 PATTERN GRADING (3)

Prerequisite or Co-requisite: FT 205 & 215

Principles of proportionally increasing or decreasing a master pattern according to a prescribed set of body measurements. Applications include basic, intermediate and advance designs. Includes use of the grading machine. (2 hrs. lect.; 3 hrs. lab. per week)

FT 241 APPAREL DRAFT DESIGN (3)

(FORMERLY FT 41)

Prerequisite: FT 217

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory.

Basic slopers are drafted from a set of measurements using a fit form or standardized industry measurements. Translating design sketches into flat patterns and constructing the finished garments. (2 hr. lect.; 3 hrs. lab. per week)

FT 243 CUTTING ROOM FUNCTIONS (3)

(FORMERLY FT 43)

Prerequisite: FT 205 & 215

Develop an understanding of industry methods and techniques of marking, laying, and cutting garments in quantity with emphasis on fabric yield. Includes a demonstration of the Gerber Technology Accumark System. (3 hrs. lect. per week)



FT 260 GERBER COMPUTER AIDED DESIGN I - GRADE AND MARKING (3)**(FORMERLY FT 160)***Prerequisite: FT 217 & 237**Prerequisite or Co-requisite: FT 243**FT majors only.*

Course covers the knowledge and skills required to use the Gerber Technology (GT) System to grade and digitize patterns and to prepare production markers. It also covers the GT system hardware capabilities as well as software program. (2 hrs. lect.; 3 hrs. lab. per week)

FT 270 GERBER COMPUTER AIDED DESIGN II - PATTERN AND DESIGN (3)**(FORMERLY FT 170)***Prerequisite or Co-requisite: FT 260**FT majors only.*

Comment: This is a computerized pattern making course as applied in the garment industry.

This course covers the capabilities of the Gerber Technology (GT) Pattern Design System-PDS and Silhouette. This system is designed to use CAD for specific industry application in pattern making and design. (2 hrs. lect.; 3 hrs. lab. per week)

FT 289 MEN'S FASHION DESIGNING (3)**(FORMERLY FT 98)***Prerequisite: FT 217*

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Introduction to concepts and techniques in men's fashion designing: custom drafting, sewing and fitting. (2 hrs. lect.; 3 hrs. lab. per week)

FT 290A FT SPECIAL TOPIC - ALTERATIONS (3)*Prerequisite or Co-requisite: FT 217**FT majors only.*

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Students must have internet access, laptop/mobile device with speaker, webcam and microphone. Before first day of instruction, email your instructor for information.

Alterations and adjustments made to various parts of a garment to make a better fit. (2 hrs. lect.; 3 hrs. lab. per week)

FT 290B FT SPECIAL TOPIC - BRIDAL (3)**(FORMERLY FT 290)***Prerequisite: FT 217**Instructor approval required.*

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Special topics in fashion technology.

(2 hrs. lect.; 3 hrs. lab. per week)

FT 290E FT SPECIAL TOPIC - EMBELLISHMENTS (3)**(FORMERLY FT 298)***Prerequisite: FT 217**Prerequisite or Co-requisite: FT 236**Instructor approval required.*

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Special topics in fashion technology. (2 hrs. lect.; 3 hrs. lab. per week)

FT 290K FT SPECIAL TOPIC - KNITS (3)**(FORMERLY FT 290)***Prerequisite: FT 217**Instructor approval required.*

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Special topics in fashion technology. (2 hrs. lect.; 3 hrs. lab. per week)

FT 290S FT SPECIAL TOPIC - SWIMWEAR (3)**(FORMERLY FT 290)***Prerequisite: FT 217**Instructor approval required.*

Highly recommended: Daily access to a working sewing machine. The Fashion Technology program currently uses the Bernina #1008 model in our sewing laboratory. Special topics in fashion technology. (2 hrs. lect.; 3 hrs. lab. per week)

NOTE: The following courses have been accepted at the University of Hawai'i at Mānoa in the Human Resources Department. These are subject to change without prior notice.

Honolulu CC: FDM:

FT 111	FDM elective
FT 125	FDM elective
FT 129	FDM elective
FT 200	FDM 200
FT 205	FDM 205
FT 215	FDM 215
FT 216	FDM 216
FT 217	FDM elective
FT 221	FDM 221
FT 228	FDM elective
FT 230	FDM elective
FT 236	FDM elective
FT 237	FDM elective
FT 241	FDM elective
FT 243	FDM elective
FT 260	FDM elective
FT 270	FDM elective
FT 289	FDM elective
FT 290B	FDM elective
FT 290E	FDM elective
FT 290K	FDM elective
FT 290S	FDM elective



FIRE AND ENVIRONMENTAL EMERGENCY RESPONSE (FIRE)

FIRE 100 INTRODUCTION TO FIRE PROTECTION (3)

*Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher
FIRE majors only.*

History and philosophy of fire protection. Introduction to fire agencies; current fire legislation, career orientation, recruitment and training programs, classification and pay systems, employee organization. This course is designed as a general background for vocational students. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 102 FUNDAMENTALS OF FIRE PREVENTION (3)

*Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher
FIRE majors only.*

Introduction to modern fire prevention, public relations involved, introduction to national and local codes used in prevention. An overview of public prevention programs, new technologies used in prevention, inspection procedures and guidelines, current problems, legislation, and enforcement of fire prevention. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 107 FIRE FIGHTING TACTICS AND STRATEGIES (3)

Prerequisite: CHEM 105 and FIRE 102

FIRE majors only.

Introduction to Fireground planning and coordination, extinguishment tactics and strategies, functions of different fire companies, various tactical operations, types of extinguishment agents and uses. Pre-planning and command systems, size and types of incidents. Discussion of modern fire problems and suppression tactics and strategies involved. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 111 MANAGEMENT IN THE FIRE SERVICE (3)

Prerequisite: FIRE 207

FIRE majors only.

An overview of fire service management theories and application principles in the fire service. Management by objective. Current fire safety education, problem identification and program development strategies are introduced. Fireground management functions; management of financial resources, physical resources, and facilities. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 117 BASIC RESCUE IN THE FIRE SERVICE (3)

Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher

Recommended Prep: FIRE 100 and FIRE 102

FIRE majors only.

To introduce definitions, terminology, and provide students with a basic knowledge of rescue. To understand the four phases of rescue: locate and access victims, stabilize the situation, and transport the victims to safety while managing injuries and avoiding risk or injury to the victims or rescuers. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 119B EMERGENCY MEDICAL TECHNICIAN (3.5)

Prerequisite: Minimum of 12 FIRE credits

Co-requisite: FIRE 119C

FIRE majors only.

This course is the first in a series of two EMT Basic courses. This course is designed to develop specific medical skills used in emergency response. Students should be prepared to do practical labs both in class and in a hospital setting. Students are required to pay a lab fee and purchase a limited liability coverage policy while participating in this course. Course will include ambulance ride-along activity. (3 hrs. lect.; 1.5 hrs. lab. per week)

FIRE 119C EMERGENCY MEDICAL TECHNICIAN-BASIC (3.5)

Prerequisite: Minimum of 12 FIRE credits

Co-rerequisite: FIRE 119B

FIRE majors only.

This course is the second in series of the EMT Basic curriculum. This course is designed to develop specific medical skills in responding to medical emergencies. Students are required to continue practical lab experiences that were started in FIRE 119B. (3 hrs. lect.; 1.5 hrs. lab. per week)

FIRE 150 INDUSTRIAL FIRE PROTECTION (3)

Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher

Recommended Prep: FIRE 100 and FIRE 102

Basic fire protection-prevention course for industry. Includes planning, managing and training for fire emergencies. Cross-listed as OESM 150. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 152 WILDLAND FIRE CONTROL FIELD METHODS (3)

Prerequisite or Co-requisite: FIRE 151

Introduction to wildland fire suppression field strategies, tactics and techniques. The course is structured around hands-on training in an outdoor environment. Students are familiarized with tools, techniques and how to best apply them in the wildland fire context. (90 hrs. lect./lab. per term)

FIRE 193V COOPERATIVE EDUCATION (1-6)

Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher

Instructor approval required.

FIRE majors only.

This course provides students with the opportunity to acquire on-the-job experience related to classroom instruction in Fire and Environmental Emergency Response emphasizing technical and interpersonal aspects. Students may enroll 4 times for a maximum of 12 credits. 6 credits can be applied to FIRE elective requirements. (5 hrs. work experience per week per credit)

FIRE 207 HAZARDOUS MATERIALS AWARENESS AND OPERATIONS (3)

Prerequisite: CHEM 105 and FIRE 100

FIRE majors only.

Students are introduced to initial response for Hazardous Material Incidents. Topics include: personal safety, NFPA standards, OSHA and EPA

regulations, toxicology, Incident Command System, decontamination, chemical resources, initial response, assessment, goal systems, and tactical options for HAZ MAT incidents. Meets Basic Concepts and Awareness levels as provided by NFPA. The curriculum that will now be used is designed to Nationally certify individuals in Hazardous Materials Operations and Hazardous Materials Awareness. The students will complete a National examination issued by National Fire Protection Professional Qualifications Board (Pro Board) upon completion of this course. Students will need a grade of 70% in order to pass the Pro Board examination. Students who do not pass the exam may receive a passing grade in the course, but will need the Pro Board certification in order to enter the final semester of Pro Board certification courses FIRE 280A (12 credits) and 280B (4 credits) for Firefighter I. (3 hrs. lect. per week)

FIRE 209 HAZARDOUS MATERIALS TECHNICIAN (3)

Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher

Recommended Prep: FIRE 203, 207, and CHEM 105

This course is one of the final courses in a series of courses that were developed to increase responders awareness and capabilities to respond to hazardous materials incidents. May be taken on a CR/N basis. (3 hrs. lect. per week)

FIRE 218 EMERGENCY RESPONSE FOR HAZARDOUS MATERIALS (4)

Prerequisite: Placement in ENG 100; MATH 50 or Placement in MATH 150 or higher

Recommended Prep: FIRE 203

FIRE majors only.

This course provides students with hands-on instruction in safety and emergency response to chemical and physical exposures in industrial and field settings. Topics discussed include: hazard analysis, contingency planning, proper use and selection of PPE, site control and evaluation, field sampling and monitoring, and proper use of instruments. This course satisfies the requirement for generalized employee training under OSHA (1910.120). Cross-listed as OESM 218. (3 hrs. lect.; 3 hrs. lab. per week)

FIRE 280A FIREFIGHTER I AND II (12)

Prerequisite: FIRE 100, 102, 107, 111, 119B, 119C, and 207

Co-requisite: FIRE 280B

Instructor approval required.

FIRE majors only.

This course will provide students with the knowledge and skills to function as an integral member of a firefighting team under direct supervision in hazardous conditions. The course is completed online in a virtual classroom. The co-requisite course, FIRE 280B, involves practical skill training. Completion of both courses will result in Fire Fighter I and 2 certification. (12 hrs. lect. per week)

FIRE 280B FIREFIGHTER I AND II LAB (8)

Prerequisite: FIRE 100, 102, 107, 111, 119B, 119C, and 207

Co-requisite: FIRE 280A

Instructor approval required.

FIRE majors only.

This course will provide students with the knowledge and skills to function as an integral member of a firefighting team under direct supervision in hazardous conditions. The program consists of two courses. The course involves practical skill training. The co-requisite course, FIRE 280A, is completed in an online virtual classroom. Completion of both courses will result in Fire Fighter 1 and 2 certification. (16 hrs. lect./lab. per week)

FOOD SCIENCE AND HUMAN NUTRITION (FSHN)

FSHN 185 THE SCIENCE OF HUMAN NUTRITION (3) (DB)

Recommended Prep: ENG 100

Integration of basic natural science concepts in the study of human nutrition. Emphasis on nutrient food sources, functions, interrelationships and requirements throughout the life cycle. The course requires a substantial amount of reading and writing. Fulfillment of the ENG 100 recommendation is highly encouraged. Lectures supplemented with individualized instructional activities. (3 hrs. lect. per week)

NOTE: *FSHN 185 is accepted as a natural science requirement at the University of Hawai'i at Mānoa, UH West O'ahu, and at other community colleges.*

GEOGRAPHY AND ENVIRONMENT (GEO)

GEO 101 THE NATURAL ENVIRONMENT (3) (DP)

Recommended Prep: Placement in MATH 24

Geography and Environment 101 is a survey of the global physical environment using an Earth systems science approach. In this course, you will be introduced to techniques and concepts used to investigate the geographic distribution of physical phenomena on Earth. Patterns and processes of climatic, geomorphic, and biological systems are examined. Global environmental issues are explored in light of the concepts covered. The lectures will include a number of examples from Hawai'i, where unique combinations of global tectonic and atmospheric processes, and geographic isolation have resulted in an extraordinary array of environmental and biotic diversity. Geography and Environment 101 fulfills the Physical Sciences diversification (DP) general education requirement for an associate degree at Honolulu Community College and a baccalaureate degree at the University of Hawai'i at Manoa, and the sustainability-related designation, an option for students who are interested in sustainability issues. (3 hrs. lect. per week)

GEO 101L THE NATURAL ENVIRONMENT LABORATORY (1) (DY)

Recommended Prep: Placement in MATH 24

This course is an introduction to techniques used to investigate the geographic distribution of physical phenomena on Earth. The laboratory exercises will include a number of examples from Hawai'i,

where unique combinations of global tectonic and atmospheric processes, and geographic isolation have resulted in an extraordinary array of environmental and biotic diversity. May be taken on a CR/N basis. (3 hrs. lab. per week)

GEO 102 WORLD REGIONAL GEOGRAPHY (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Survey of the world's major geographic regions with focus on the interrelationships between the physical and human elements of these regions. Geographic aspects of contemporary economic, social, and political conditions will be studied. (3 hrs. lect. per week)

GEO 122 GEOGRAPHY OF HAWAII (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S

Examines Hawai'i as a unique, special place. Physical geography (volcanoes, erosion, climate, water resources, natural hazards), cultural geography (pre-contact society, the monarchy, economic change, agriculture, tourism, energy, population, land use, transportation, and urbanization), and regional geography of each island will be presented. (3 hrs. lect. per week)

HAWAIIAN (HAW) *

HAW 101 ELEMENTARY HAWAIIAN I (4)

This course is the first half of Elementary Hawaiian that teaches basic listening, speaking, reading, and writing skills. (4 hrs. lect. per week)

HAW 102 ELEMENTARY HAWAIIAN II (4)

Prerequisite: "C" or higher in HAW 101

This course is the second half of Elementary Hawaiian that teaches basic listening, speaking, reading, and writing skills. (4 hrs. lect. per week)

HAW 110 EVOLUTION OF HAWAII'S LANGUAGES (3)

This course examines the evolution of Hawai'i's languages through the impacts of global cross-cultural exchanges, relationships, and social development in Hawai'i. (3 hrs. lect. per week)

HAW 201 INTERMEDIATE HAWAIIAN I (4)

Prerequisite: "C" or higher in HAW 102

This course is the first half of Intermediate Hawaiian. Language learning requires competence in four areas of skill, including listening, speaking, reading, and writing. (4 hrs. lect. per week)

HAW 202 INTERMEDIATE HAWAIIAN II (4)

Prerequisite: "C" or higher in HAW 201

This course is the second half of Intermediate Hawaiian. Language learning requires competence in four areas of skill, including listening, speaking, reading, and writing. (4 hrs. lect. per week)

HAW 261 HAWAIIAN LITERATURE IN ENGLISH (3) (DL)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

A literary and cultural experience of the indigenous Hawaiian culture through reading and analyzing

selected major works in English translations. (3 hrs. lect. per week)

* Native speakers may not take language courses for credit.

HAWAIIAN STUDIES (HWST)

HWST 105 MEA KANU: HAWAIIAN PLANTS AND THEIR USES (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S

This course explores the cultural uses of plants by humans in the Hawaiian archipelago and elsewhere in Polynesia. Focus will be upon those plants that were originally found in Hawai'i when early settlers came and those plants that were brought by them. Cross-listed as BOT 105. (3 hrs. lect./demo. per week)

HWST 107 HAWAII: CENTER OF THE PACIFIC (3) (DH)

Prerequisite: Placement in ENG 100 + ENG 100S

An introduction to the unique aspects of the native point of view in Hawai'i and in the larger Pacific with regards to origins, language, religion, land, art, history, and modern issues. (3 hrs. lect. per week)

HWST 110 HUAKA'I WA'A: INTRODUCTION TO HAWAIIAN VOYAGING (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: Familiarity with Hawaiian language and culture

Introduces student to modern Hawaiian canoe voyaging through an examination of the science and narratives of ancient voyaging, the history of the modern revival of voyaging, and the Hawaiian navigator's toolkit. May be taken on a CR/N basis. (3 hrs. lect. per week)

HWST 110L WA'A HO'OKALE: HAWAIIAN SAILING CANOES LAB (1)

Prerequisite or Co-requisite: HWST 110

Recommended Prep: Some ocean experience and experience on boats. Knowledge of one's susceptibility to seasickness and ways of preventing or dealing with seasickness, as needed.

Comment: Concurrent enrollment in or completion of HWST 110 with a "C" or higher grade. Students must pass a swim test during the first three weeks of class: Students will be asked to swim 500 meters and stay afloat for one hour in deep water. Students should also have the ability to jump onto the deck of a boat that is 1-2 feet below the pier level. Some heavy lifting (e.g. pulling up an anchor) may be required.

This course introduces students to the knowledge and skills needed to sail canoes in coastal waters. Students will apply the knowledge acquired in HWST 110 in hands-on activities. Students may enroll 2 times for a maximum of 2 credits. May be taken on a CR/N basis. (3 hrs. lab. per week)

HWST 128 INTRODUCTION TO HULA KAHIKO (3) (DA)

An introduction to hula and oli (chant) covering the fundamentals of traditional dance and practices, language, and regional traditions. (2 hrs. lect., 2 hrs. lab per week)

HAWAII

HWST 129 INTRODUCTION TO HULA 'AUANA (3) (DA)*Recommended Prep: HAW 101*

An introduction to hula 'auana covering the fundamentals of contemporary Hawaiian dance, music, practices, language, poetry, and regional traditions. (2 hrs. lect., 2 hrs. lab per week)

HWST 135 KĀLAI LĀ'AU: HAWAIIAN WOODWORK AND WOOD CARVING (3) (DA)*Recommended Prep: HWST 107 and/or 105*

This is a Hawaiian cultural woodwork and wood carving project class. This class will involve the development of two to three introductory woodworking projects of Hawaiian cultural significance or ceremonial use. Through this class the students will develop both the skills needed to work effectively and safely with wood, and the cultural knowledge important to the pieces developed. As a project class, there will be specific projects and themes set by the instructor of general Hawaiian cultural interest. Students will learn different aspects and solutions in carving and creating Hawaiian cultural projects. May be taken on a CR/N basis. (6 hrs. per week)

HWST 207 MĀLAMA AHUPUA'A: HAWAIIAN PERSPECTIVES IN AHUPUA'A (3) (DH)*Prerequisite: "C" or higher in HWST 107; "C" or higher in ENG 100*

Comment: Transportation may be required for off campus visits to different ahupua'a or wahi pana. HWST 207 will examine the ahupua'a system: its mythologies, place names, history, poetry and early documents of the Hawaiian nation, as it was conceptualized by the ancient Hawaiians and exploration of its relevance in modern society. The primary focus of this course will be the Hawaiian land division: the Ahupua'a. Through an understanding of the ahupua'a, students will become familiar with perspective on Hawaiian resource management and Hawaiians' relationship with the 'āina. May be taken on a CR/N basis. (3 hrs. lect. per week)

HWST 228 HULA KAHIKO (3) (DA)*Prerequisite: "B" or higher in HWST 128**Recommended Prep: HAW 101; HWST 107*

Students refine and enhance skills learned in HWST 128. (2 hrs. lect., 2 hrs. lab per week)

HWST 229 HULA 'AUANA (3) (DA)*Prerequisite: "B" or higher in HWST 129**Recommended Prep: HAW 101**Instructor approval required*

Students refine and enhance skills learned in HWST 129. (2 hrs. lect., 2 hrs. lab per week)

HWST 255 INTRO TO THE HAWAIIAN KINGDOM (3)*Recommended Prep: HWST 107; Placement in ENG 100 + ENG 100S*

HWST 255 focuses on the Hawaiian Kingdom era covering two major historical periods: the first from 1810 until 1893; the second from 1893 to the present. This course focuses primarily on the first historical

period, allowing the legal, political, and economic conclusions from that era to inform and provide for us a continuity into the second historical period. Major topics addressed in this course are: unification; the Hawaiian Constitutions; recognition and nationhood in 1843; feudal and allodial land systems; the Hawaiian economy; the Hawaiian monarchs; the occupation of the Hawaiian Islands; issues and methods of de-occupation; historical, political, legal, and economic global contexts. (3 hrs. lect. per week)

HWST 270 HAWAIIAN MYTHOLOGY (3) (DL)*Prerequisite: HWST 107 or HAW 101; "C" or higher in ENG 100**Recommended Prep: HAW 102*

Survey of gods, 'aumakua, kupua, mythical heroes, heroines, and their kinolau as the basis of traditional Hawaiian metaphor. This course will investigate and analyze oral and written Hawaiian literary sources. (3 hrs. lect. per week)

HWST 275A PANA O'AHU (3)*Prerequisite: "C" or higher in HWST 107; "C" or higher in ENG 100**Recommended Prep: HAW 101*

This course will survey and explore storied sites of O'ahu and examine their geographical, historical, mythological, and cultural significance from a Hawaiian perspective as it pertains to Hawaiian Deities. Students will become familiar with various methods of knowing a place, researching Hawaiian resources, and developing critical thinking and writing skills. This course will include a substantial amount of Hawaiian language words and terminology. (3 hrs. lect. per week)

HWST 281 HO'OKALE I: HAWAIIAN ASTRONOMY AND NAVIGATION (3) (DP)*Prerequisite: Placement in ENG 100 + ENG 100S or Instructor Approval**Recommended Prep: HWST 110 and HWST 107.**Familiarity with Hawaiian language and culture.*

An introduction to Hawaiian views of astronomy and navigation, with a focus on celestial bodies and how they are used as a basic wayfinding tool by Polynesian Voyaging Society trained navigators. Repeatable one time. May be taken on a CR/N basis. (3 hrs. lect. per week)

HWST 281L HO'OKALE I: HAWAIIAN ASTRONOMY AND NAVIGATION LAB (1) (DY)*Prerequisite: Placement in ENG 100 + ENG 100S, or Instructor Approval**Prerequisite or Co-requisite: HWST 281**Recommended Prep: HWST 110 and HWST 107**Stargazing laboratory to accompany HWST 281.*

Repeatable one time. May be taken on a CR/N basis. (3 hrs. lab per week)

HWST 282 HO'OKALE II: HAWAIIAN VOYAGING AND SEAMANSHIP (3) (DH)*Prerequisite: Placement in ENG 100 + ENG 100S or Instructor Approval**Recommended Prep: HWST 107, HWST 110, and HWST 281*

An introduction to traditional knowledge of Hawaiian voyaging and navigation and to the modern revival of voyaging arts in Hawai'i and Oceania. Students will learn seamanship skills needed to sail double hulled canoes; and plan voyages based on weather and sea conditions. May be taken on a CR/N basis. (3 hrs. lect. per week)

HWST 282L Ho'okele II: HAWAIIAN VOYAGING AND SEAMANSHIP LAB (1)

Prerequisite: Placement in ENG 100 + ENG 100S or Instructor Approval

Prerequisite or Co-requisite: HWST 282

Recommended Prep: HWST 107, HWST 110, and HWST 281. Some ocean and boat/canoe experience. Knowledge of one's susceptibility to seasickness and ways of preventing or dealing with seasickness, as needed.

Comment: Students will demonstrate basic swimming and will be provided personal flotation devices if unable to demonstrate basic swimming. Students should have the ability to jump onto the deck of a vessel that is 1-2 feet below the pier level. Some heavy lifting (e.g. pulling up an anchor) may be required.

A sailing laboratory to accompany HWST 282. This lab provides an introduction to voyaging and seamanship skills, including care and maintenance of sailing canoes. Repeatable one time. May be taken on a CR/N basis.

(3 hrs. lab per week)

HWST 284 He Moku He Wa'a: An Island is a Canoe (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: HWST 107, HWST 282

Comment: Students will demonstrate basic swimming and will be provided personal flotation devices if unable to demonstrate basic swimming. Students should have the ability to jump onto the deck of a boat that is 1-2 feet below the pier level. Some heavy lifting (e.g. lifting an anchor) may be required.

This course explores the metaphor of an island being a canoe through a survey of traditional resource management in Hawai'i, its relevance in contemporary society and a survey of voyaging including non-instrument navigation, sail planning and skills needed to sail double hulled canoes. This course also provides students with hands-on experience in voyaging and malama 'āina and examining the connections between the two. Students may enroll 2 times for a maximum of 6 credits. May be taken on a CR/N basis.

(3 hrs. lect. per week)

HWST 285 La'u Lapa'au: HAWAIIAN MEDICINAL HERBS (4) (DH)

Prerequisite: HWST 107 or Instructor approval

Presentation of Hawaiian medicinal herbs including basic philosophy, identification, utilization, and preparation of such herbs for human ailments. Students may enroll 2 times for a maximum of 8 credits. May taken on a CR/N basis.

(3 hrs. lect.; 3 hrs. lab per week)

HISTORY (HIST)

HIST 151 WORLD HISTORY TO 1500 (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

A global and historical survey focusing on human societies and cross-cultural interactions to 1500 C.E. This course analyzes the historical development of human societies and their cultural traditions in all parts of the world, including Africa, the Americas, Asia, Europe, and Oceania. (3 hrs. lect. per week)

HIST 152 WORLD HISTORY SINCE 1500 (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

A global and historical survey focusing on human societies and cross-cultural interactions since 1500 C.E. History 152 explores the dynamic relationships within and between representative modern societies, nations, states and cultures. (3 hrs. lect. per week)

HIST 231 MODERN EUROPEAN CIVILIZATION I (3) (DH)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

Historical survey of political evolution and major economic, social and cultural developments taking place in Europe. HIST 231-(1500–1815); HIST 232 (1815–present). (3 hrs. lect. per week)

HIST 232 MODERN EUROPEAN CIVILIZATION II (3) (DH)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

Historical survey of political evolution and major economic, social and cultural developments taking place in Europe. HIST 231-(1500–1815); HIST 232 (1815–present). (3 hrs. lect. per week)

HIST 241 CIVILIZATIONS OF ASIA I (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

Historical survey of major civilizations of Asia from earliest times to 1500: East Asia, Southeast Asia, and South Asia. Cross-listed as ASAN 241. Credit may be received for HIST 241 or ASAN 241, but not both. (3 hrs. lect. per week)

HIST 242 CIVILIZATIONS OF ASIA II (3)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

Continuation of HIST 241. Survey of major civilizations of Asia from 1500 to the present: East Asia, Southeast Asia, and South Asia. Cross-listed as ASAN 242. Credit may be received for HIST 242 or for ASAN 242, but not both. (3 hrs. lect. per week)

HIST 246 THE VIETNAM WAR (3) (DH)

Prerequisite: ENG 100

Instructor approval required.

Historical survey of the Vietnam War, covering the history of military and political affairs related to the nation of Vietnam from 1945 to 1975.

(3 hrs. lect. per week)

HIST 250 WORLD HISTORY AND FILM (3) (DH)

Prerequisite: "C" or higher in ENG 100

This course examines our varying interpretations of the meaning of global historical events as they have been explored through film. The course will involve viewing films about historical events and issues, and using these films as a pathway to understanding the stories we tell ourselves about our own past and the purposes behind those stories. The course will further explore the use of metaphor and narrative, and perspective in the writing of history. May be taken on a CR/N basis. (3 hrs. lect. per week)

HIST 281 INTRODUCTION TO AMERICAN HISTORY I (3) (DH)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: HIST 152

Interpretative survey from the earliest settlement to 1865. (3 hrs. lect. per week)

HIST 282 INTRODUCTION TO AMERICAN HISTORY II (3) (DH)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: HIST 152

Interpretative survey from 1865 to the present. (3 hrs. lect. per week)

HIST 284 HISTORY OF THE HAWAIIAN ISLANDS (3)

Prerequisite: ENG 100

Survey of the social, political, and economic history of Hawai'i from the earliest times to the present. (3 hrs. lect. per week)

HIST 288 OCEANIA HISTORY (3) (DH)

Prerequisite: ENG 100

Development from precolonial to modern times; early settlement, cultural contact, colonization, contemporary problems. (3 hrs. lect. per week)

HIST 296E WORLD ENVIRONMENTAL HISTORY (3) (DH)

Prerequisite: "C" or higher in ENG 100, OR

Placement in ENG 201-296

Recommended Prep: HIST 151 and/or HIST 152

Survey of interactions between humans and the natural world from ancient eras to the present. Topics include environmental impacts of agriculture, urbanization, colonization and industrialization, as well as how development of human societies have been influenced by surrounding environments. (3 hrs. lect. per week)

HIST 296M TOPICS IN HISTORY: INTRODUCTION TO ASIAN AMERICAN HISTORY (3) (DH)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: HIST 152

This course analyzes the historical development of Asian American communities in the Americas and Hawai'i. Emphasis will be placed on situating the movements of Asians within local, regional, and transnational frameworks. Students will analyze the significance of race, gender, and class in shaping the experiences of Asian American communities. The communities covered include Chinese, Filipino, Japanese, Korean, South Asian, and Southeast Asian Americans. (3 hrs. lect. per week)

HUMAN DEVELOPMENT AND FAMILY STUDIES (HDFS)**[FORMERLY FAMILY RESOURCES (FAMR)]****HDFS 100 PERSONAL AND PROFESSIONAL DEVELOPMENT (3)**

(FORMERLY FAMR 100)

Prerequisite: Placement in ENG 100 + ENG 100S

Intended for those who wish to expand their self-awareness and explore personal and professional choices. Topics include self awareness, self image, identity, emotional intelligence, motivation, goal setting, job interviewing, time management, and personal financial literacy. May be taken on a CR/N basis. (3 hrs. lect. per week)

HDFS 133 DYNAMICS OF FAMILY VIOLENCE (3)

(FORMERLY FAMR 133)

Recommended Prep: Placement in ENG 100

Overview of family violence which includes physical and sexual abuse of children, spousal assault, violence between siblings, abuse of the disabled, physical abuse and neglect as well as financial abuse of the elderly. Cultural/political trends to "criminalize" family violence. (3 hrs. lect. per week)

HDFS 141 PARENTING (3)

(FORMERLY FAMR 141)

Prerequisite: Placement in ENG 100 + ENG 100S

Parenting theories, methods, skills, issues, and resources; parent-child relations over the life span and in various family and cultural contexts. May be taken on a CR/N basis. (3 hrs. lect. per week)

HDFS 230 HUMAN DEVELOPMENT (3) (DS)

(FORMERLY FAMR 230)

Prerequisite: Placement in ENG 100

Concepts, issues, and theories of human growth and development from conception to death and a systems approach to inquiry into factors affecting growth and development. (3 hrs. lect. per week)

HDFS 244 AGING (3)

(FORMERLY FAMR 244)

Prerequisite: Placement in ENG 100

Basic course in the study of developmental process and problems of aging. Students will be guided to look at aging from a systems approach. Sociological, biological, and cognitive development of the aging individual will be discussed. (3 hrs. lect. per week)

HDFS 296 WORKING WITH PEOPLE (3)

(FORMERLY FAMR 296)

Recommended Prep: Placement in ENG 100

Focuses on knowledge and skills needed in working with people. Topics include communication barriers and enhancers, conflict management, procrastination, stress and anger management, and group problem-solving skills. (3 hrs. lect. per week)

HUMAN SERVICES (HSER)

HSER 121 FAMILY DYNAMICS AND THE SOCIAL WORK INTERVIEW (3)

Recommended Prep: ENG 100

An introductory course in the field of social work/human services. Topics include a brief overview of social work values, ethics and basic practice principles; understanding family dynamics and the process of the initial social work interview. (3 hrs. lect. per week)

HSER 140 INDIVIDUAL COUNSELING (3)

Recommended Prep: ENG 100

An introduction to individual counseling which focuses on developing and enhancing basic counseling skills. May be taken on a CR/N basis. (3 hrs. lect. per week)

HSER 150 GROUP COUNSELING (3)

Recommended Prep: Placement in ENG 100

Issues and methods in the use of small groups to promote personal growth, therapeutic interaction, and social change. Group formation, maintenance, and termination, group dynamics; and roles/skills appropriate to group leadership and membership. (3 hrs. lect. per week)

HSER 170 SUBSTANCE ABUSE COUNSELING (3)

Recommended Prep: HSER 140; and Placement in ENG 100

Designed for people interested in pursuing work in addiction treatment. Covers physical and psycho-social effects of substance abuse; screening, assessment, and counseling skills, as well as ethical and legal issues. May be taken on a CR/N basis. (3 hrs. lect. per week)

HSER 190 PRACTICUM SEMINAR (1)

Co-requisite: HSER 191V

This seminar course provides an opportunity for students to discuss problems experienced in work practicum and to develop counseling, guidance, problem-solving, and evaluation competencies. This course may be repeated. Students must be concurrently enrolled in HSER 191V Human Services Practicum (1 credit). (1 hr. lect. per week)

HSER 191V HUMAN SERVICES PRACTICUM (1–3)

Supervised work experience in a human services or community service agency. Practicum is generally an unpaid practical work experience. May be repeated until 9 credits are earned. Responsibilities increase with each repeat. Concurrent enrollment in HSER 190 (Practicum Seminar) is recommended. (1 cr.-5 hrs.; 2 cr.-10 hrs.; 3 cr.-15 hrs. per week for practicum)

HUMANITIES (HUM)

HUM 193V COOPERATIVE EDUCATION (1–4)

Instructor approval required.

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Humanities. Students may enroll 4 times for a maximum of 12 credits. (5 hrs. work experience per week per credit)

INDUSTRIAL EDUCATION (IED)

Iedb 100 Blueprint Reading (3)

(Formerly BLPR 22)

A basic course designed primarily for students in the construction trades. Topics include principles of graphic representation, basic building construction, interpretation of working drawings, and building specifications. (45 hrs. lect. per term)

Iedd 101 Basic Drafting And Blueprint Reading (3)

Pearl Harbor Naval Shipyard Applied Trades majors only.

A basic mechanical drawing course designed for Pearl Harbor Naval Shipyard Apprenticeship Program students. Includes the use of drafting instruments, technical terminology, drawing scales, linework, lettering, orthographic projection, auxiliary and sectional views, assemblies and pictorials, threads and welds, and basic ship drawings. Lecture, demonstration, and exercise drawing. Topics developed in related shop work apart from this course. (10 hrs. lect./lab. per week over 5 weeks)

INFORMATION AND COMPUTER

SCIENCE (ICS)

(See also Computing, Security, & Networking Technology)

ICS 100 COMPUTING LITERACY AND APPLICATIONS (3)

Recommended Prep: ENG 100 + ENG 100S OR Placement in ENG 100

An introductory survey of computers and their role in the information world emphasizing computer terminology, hardware, and software. Opportunities for "hands-on" experience using applications software may include spreadsheets, word processing, presentations and communications. (3 hrs. lect. per week plus lab assignments.)

ICS 101 DIGITAL TOOLS FOR THE INFORMATION WORLD (3)

Prerequisite: ENG 100 + ENG 100S OR Placement in ENG 100

Fundamental information technology concepts and computing terminology, productivity software for problem solving, computer technology trends and impact on individuals and society. Emphasizes the utilization of operating systems and the production of professional documents, spreadsheets, presentations, databases, and web pages. Meets requirements for College of Business (UHM and UHH) and UHM's Biology program and Botany Department. (3 hrs. lect. per week)

ICS 102 INTRODUCTION TO INTERNET RESOURCES (3)

Recommended Prep: ICS 100 or ICS 101

This course is primarily concerned with learning how to make dynamic web pages using HTML5/CSS and JavaScript. Students will learn how to make their web pages user-friendly, user-interactive and attractive to positively affect the viewer's impression of the contents. At the same time, students will participate in discussions of how a user's view of a web page, as well as the World Wide Web in general, can impact what



society believes. The assignments will use JavaScript to teach students with little or no experience with programming the basics of programming. JavaScript will be used to give the students exposure to basic economics and basic statistics to help equip students to make sense of the large amount of information about things that affect their environment and society in general. (3 hrs. lect. per week)

ICS 110P INTRODUCTION TO INFORMATION SYSTEMS (3)

Prerequisite: ENG 100 + ENG 100S OR Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 103 or MATH 135 or higher; and ICS 100 or ICS 101

This course provides an overview of Information Technology and introduces Internet resources and the fundamental concepts and skills of software development. Topics related to Internet resources include terminology, file formats, naming conventions, and current issues related to the Internet. Students will also learn basic programming skills and software development including discussion of compilers, interpreters, clients and servers, naming issues, programming languages and syntax. Cross-listed as CSNT 110. (2 hrs. lect.; 3 hrs. lab. per week)

ICS 111 INTRODUCTION TO COMPUTER SCIENCE I

(USING JAVA) (4)

Prerequisite: MATH 103 OR Placement in MATH 135 or higher

An overview of the fundamentals of computer science emphasizing problem solving, algorithm development, implementation, and debugging/testing using an object-oriented programming language. (4 hrs. lect. per week)

ICS 141 DISCRETE MATHEMATICS FOR COMPUTER SCIENCE I (3)

Prerequisite: MATH 135

Prerequisite or Co-requisite: ICS 111

Recommended Prep: MATH 241

Includes logic, sets, functions, matrices, algorithmic concepts, mathematical reasoning, recursion, counting techniques, probability theory. (3 hrs. lect. per week)

ICS 211 INTRODUCTION TO COMPUTER SCIENCE II

(USING JAVA) (3)

Prerequisite: ICS 111

Reinforce and strengthen problem-solving skills using more advanced features of programming languages and algorithms such as recursion, pointers, and memory management. Emphasize the use of data structures such as arrays, lists, stacks, and queues. (3 hrs. lect. per week)

INTERDISCIPLINARY STUDIES (IS)

IS 100 UH MANOA TRANSFER SEMINAR (1)

This course is designed to help facilitate your transition to University of Hawaii at Manoa by exploring your major, improving your knowledge of the university and its resources, assisting you in understanding the transfer process, and building relationships with other transfer students. (1 hr. lect. per week)

IS 103 INTRODUCTION TO COLLEGE (1)

This course is designed to orient students to the college setting. Students will be able to identify college resources, explain important policies, demonstrate knowledge of registration procedures, discuss definition of success and evaluate their important life roles. Students may enroll 2 times for a maximum of 1 credit. (1 hr. lect. per week)

IS 105 CAREER AND MAJOR EXPLORATION (3)

A systematic exploration of individual values, personality, interests, skills, and career resources. Emphasis is placed on decision making, defining goals, and developing strategies to achieve those goals. (3 hr. lect. per week)

IS 125 ACADEMIC FUNDAMENTALS FOR COLLEGE SUCCESS (3)

Prerequisite: "C" or higher in ESL 13 and ESL 14, or Instructor Approval

Recommended Prep: Two years of high school English. A minimum score of 400 on the WIDA Access Test for English learners in the Hawai'i State Dept. of Education system
This course provides students with preparation for college-level courses, with an emphasis on supporting students in the areas of writing, composition, grammar, and reading comprehension skills in the transfer, career, and professional contexts (CTE). Students will learn how to navigate successfully in college courses, be introduced to dedicated campus contacts, explore degree options, and education and training needed to reach their goals. (3 hr. lect. per week)

JAPANESE (JPN) *

JPN 101 ELEMENTARY JAPANESE I (4)

This course is the first half of Elementary Japanese that teaches basic listening, speaking, reading, and writing skills. May be taken on a CR/N basis. (4 hrs. lect. per week)

JPN 102 ELEMENTARY JAPANESE II (4)

Prerequisite: "C" or higher in JPN 101 or instructor consent
This course is the second half of Elementary Japanese that further develops basic listening, speaking, reading, and writing skills. May be taken on a CR/N basis. (4 hrs. lect. per week)

JPN 124 JAPANESE FOR PROFESSIONS (1)

This course teaches Japanese vocabulary, expressions, and etiquette of specific professions. Classes provide hands-on, content-rich educational experiences that encourage active engagement with advanced Japanese terminology used in such fields as health care, real estate, business, among others. Each session focuses on one area of expertise. May be taken on a CR/N basis. (3 hrs. lect. per week for 5 weeks)

JPN 142 JAPANESE FOR HOSPITALITY (3)

Japanese 142 (3 credits) is a conversational Japanese course focusing on developing basic Japanese language skills most relevant to Hawaii's retail,



restaurant, and hotel industries. Japanese etiquette that accompanies topics is also covered. No previous Japanese language learning experience is necessary for this course. (3 hrs. lect. per week)

JPN 143 JAPANESE FOR SERVICE INDUSTRY (3)

Japanese 143 (3 credits) is a conversational Japanese course focusing on developing Japanese language skills used in the area of the service industry, such as transportation, tourism, hair salons, nail salons, spas, etc. Japanese etiquette topics are also covered. No previous Japanese language learning experience is necessary for this course. (3 hrs. lect. per week)

JPN 201 INTERMEDIATE JAPANESE I (4)

Prerequisite: "C" or higher in JPN 102 or instructor consent
This course is the first half of Intermediate Japanese that further develops listening, speaking, reading, and writing skills. May be taken on a CR/N basis.
(4 hrs. lect. per week)

JPN 202 INTERMEDIATE JAPANESE II (4)

Prerequisite: "C" or higher in JPN 201 or instructor consent
This course is the second half of Intermediate Japanese that further develops listening, speaking, reading, and writing skills. May be taken on a CR/N basis.
(4 hrs. lect. per week)

JPN 280 Teaching Practicum in Japanese (4)

Prerequisite: Native, near-native, or advanced level competence of Japanese
This teaching practicum course helps students learn to teach elementary to intermediate courses of the language. The course is open to native, near-native, or advance level of competence of Japanese. May be taken on a CR/N basis. (3 hrs. lect; 3 hrs. lab per week)

* Native speakers may not take language courses for credit, with the exception of JPN 280.

JOURNALISM (JOUR)

JOUR 150 THE MEDIA AND SOCIETY (3) (DS)

Historical and technological development of communications media in relation to freedom of expression, the role of the media in contemporary society, with emphasis on the economic, social and political effects. (3 hrs. lect. per week)

JOUR 204 WRITING FOR THE WEB AND SOCIAL MEDIA (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
An introduction to the theory and practice of writing for the Internet. Application of theory to the unique story-telling style required for communicating effectively on the Web. (3 hrs. lect. per week)

JOUR 205 NEWS WRITING (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296
Fundamentals of news style, reporting, etc.
(3 hrs. lect. per week)

JOUR 268 LITERARY NONFICTION (3)

Prerequisite: "C" or higher in ENG 100, OR Placement in ENG 201-296

This course is an introduction to the genre of literary nonfiction. The course provides an opportunity to study and practice the techniques of what is sometimes known as New Journalism or even New New Journalism. Cross listed as ENG 268.
(3 hrs. lect. per week)

KINESIOLOGY & LEISURE SCIENCE (KLS)

KLS 195 PERSONAL HEALTH AND WELLNESS (3)

Recommended Prep: ENG 100 + ENG 100S or ESL 23, OR Placement in ENG 100

Scientifically based information will be presented to help the student make decisions and take responsibility for his/her own health and health-related behaviors. The student will develop a personal, daily physical activity/exercise program, in which he/she will participate and be monitored.
(3 hrs. lect. per week)

KOREAN (KOR)

KOR 101 ELEMENTARY KOREAN I (4)

Korean 101 is the first half of Elementary Korean that teaches basic listening, speaking, reading, and writing skills including Hangul. May be taken on a CR/N basis.
(4 hrs. lect. per week)

KOR 102 ELEMENTARY KOREAN II (4)

Prerequisite: "C" or higher in KOR 101 or instructor consent
This course is the second half of Elementary Korean that further develops basic listening, speaking, reading, and writing skills. May be taken on a CR/N basis.
(4 hrs. lect. per week)

KOR 201 INTERMEDIATE KOREAN I (4)

Prerequisite: "C" or higher in KOR 102 or instructor consent
This course is the first half of Intermediate Korean that further develops listening, speaking, reading, and writing skills. May be taken on a CR/N basis.
(4 hrs. lect. per week)

KOR 202 INTERMEDIATE KOREAN II (4)

Prerequisite: "C" or higher in KOR 201 or instructor consent
This course is the second half of Intermediate Korean that further develops listening, speaking, reading, and writing skills. May be taken on a CR/N basis.
(4 hrs. lect. per week)

KOR 280 TEACHING PRACTICUM IN KOREAN (4)

Prerequisite: Native, near-native, or advance level competence of Korean

This teaching practicum course helps students learn to teach elementary to intermediate courses of the language. This course is open to native, near-native, or advance level of competence of Korean. May be taken on a CR/N basis. (3 hrs. lect; 3 hrs. lab per week)

* Native speakers may not take language courses for credit, with the exception of KOR 280.

LINGUISTICS (LING)

LING 102 INTRODUCTION TO THE STUDY OF LANGUAGE (3) (DL)

Prerequisite: Placement in ENG 100 OR Instructor Approval
 Introduction to the study of language and language-related issues, its relevance to contemporary issues in society, and local language issues. The main objective of this course is to provide students with an opportunity to examine language from a linguist's perspective—one from an analytical and scientific point of view. Students will learn how language is integrated within cognition, culture, history, and society. (3 hrs. lect. per week)

Marine Biology

(See ZOOL 200)

MATHEMATICS (MATH)

MATH 24 ELEMENTARY ALGEBRA I (3)

Prerequisite: Placement in MATH 24
Recommended Prep: Math prerequisites should be completed within the last two (2) years.
 MATH 24 represents the first course in a two-course sequence covering elementary algebra topics. Topics include operations with real numbers, linear equations and inequalities, graphing, linear systems, and applications. (3 hrs. lect. per week)

MATH 25 ELEMENTARY ALGEBRA II (3)

Prerequisite: "C" or higher in MATH 24 or "C" or higher in MATH 75X OR Placement in MATH 25
Recommended Prep: Math prerequisites should be completed within the last two (2) years.
 MATH 25 represents the second course in a two-course sequence covering elementary algebra topics. Topics include properties of exponents, operations on polynomials, factoring, rational expressions and equations, roots and radicals, quadratic equations, and applications. (3 hrs. lect. per week)

MATH 50 TECHNICAL MATHEMATICS (3)

Recommended Prep: Math prerequisites should be completed within the last two (2) years.
 Introduction to algebra, graphs, unit conversions, solving linear and systems of linear equations, working with formulas, quadratic formula, and GCF factoring. Developing skills in problem solving for students interested in Vocational-Technical programs. (3 hrs. lect. per week)

MATH 50P TECHNICAL MATHEMATICS (3)

Major Restriction: Applied Trades AS
 Basic algebra, geometry, and measurements as applied to shop problems. Solving algebraic equations and geometry with formulas. Developing skills in problems solving and analysis. Restricted to students in the Pearl Harbor Naval Shipyard (PHNSY) (9 hrs. lect. per week)

MATH 75X INTRODUCTION TO MATHEMATICAL REASONING (4)

This course prepares students for the College transfer-level Non-Calculus pathway: MATH 100, MATH 111,

MATH 115, MATH 150. Course topics include ratio and percent, unit conversions, graphs, basic algebra, solving linear equations, working with formulas, and also includes system of linear equations with substitution, quadratic formula, and GCF factoring. (3 hrs. lect.; 3 hrs. lab per week)

MATH 100 SURVEY OF MATHEMATICS (3)

Prerequisite: "C" or higher in MATH 25 OR "C" or higher in MATH 75X OR Placement in MATH 100 or higher.
Recommended Prep: Placement in ENG 100 with ENG 100S or ESL 23; Math prerequisites should be completed within the last two (2) years.

Designed to develop quantitative and analytical reasoning abilities including real-world problems. Course covers inductive and deductive reasoning, set theory, logic with truth tables, numeration systems in history, basic probability, descriptive statistics, and may include additional topics. Does not satisfy the prerequisite for Math 103. (3 hrs. lect. per week)

MATH 103 COLLEGE ALGEBRA (3)

Prerequisite: "C" or higher in MATH 25 or equivalent, OR Placement in MATH 103 or higher
Recommended Prep: Math prerequisites should be completed within the last two (2) years.
 An extension of the elementary algebra sequence designed to prepare students for precalculus. Topics include simplification of algebraic and radical expressions, factoring, solution of linear, quadratic, absolute value and literal equations and inequalities, complex numbers, solution of linear and quadratic systems, logarithms and an introduction to functions and their graphs. (3 hrs. lect. per week)

MATH 111 MATH FOR ELEMENTARY TEACHERS I (3)

Prerequisite: "C" or higher in MATH 25 OR "C" or higher in MATH 75X OR Placement in MATH 100 or higher AND a "C" or higher in ENG 100
Recommended Prep: Math prerequisite is completed within the last two (2) years.
Elementary Education majors only.

Comment: Recommended for prospective elementary education majors.

MATH 111 is the first of a two-course sequence designed to give prospective elementary education majors the depth of understanding necessary to teach mathematics in the elementary classroom. Topics include numbers (whole and rational), operations and their properties, patterns, and basic geometry. The emphasis is on understanding and communicating mathematical ideas using reasoning and developing a growth mindset in learning mathematics. It is recommended that students needing both MATH 111 and MATH 112 take the courses in sequential semesters and from the same institution. (3 hrs. lect. per week)

MATH 112 MATH FOR ELEMENTARY TEACHERS II (3)

Prerequisite: "C" or higher in MATH 111 AND "C" or higher in ENG 100
Recommended Prep: Math prerequisite is completed within the last two (2) years.
Elementary Education majors only.

MATH 112 is the second of a two-course sequence

designed to provide a rigorous background in mathematical concepts and reasoning for students intending careers in elementary education. Topics include patterns and algebra, probability, measurements, connections to other parts of mathematics and applications. The emphasis is a thorough understanding, and ability to communicate/present mathematical ideas based on a growth mindset in learning mathematics.
(3 hrs. lect. per week)

MATH 115 INTRODUCTION TO STATISTICS AND PROBABILITY (3)

Prerequisite: "C" or higher in MATH 25 OR "C" or higher MATH 75X OR Placement in MATH 115

Recommended Prep: Math prerequisites should be completed within the last two (2) years. Placement in ENG 100 or ESL 23

Utilizes basic statistical topics including measures of central tendency and dispersion, classification of variables, sampling techniques, elementary probability, normal and binomial probability distributions, tests of hypothesis, linear regression and correlation in order to solve problems.
(3 hrs. lect. per week)

MATH 135 PRECALCULUS: ELEMENTARY FUNCTIONS (3)

Prerequisite: "C" or higher in MATH 103 OR Placement in MATH 135

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Investigates linear, quadratic, polynomial, rational, exponential, logarithmic functions, and related topics. This course is the first part of the precalculus sequence.
(3 hrs. lect. per week)

MATH 140 PRECALCULUS: TRIGONOMETRY AND ANALYTIC GEOMETRY (3)

Prerequisite: "C" or higher in MATH 135 OR Placement in MATH 140

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Studies trigonometric functions, analytic geometry, polar coordinates, vectors, and related topics. This course is the second part of the precalculus sequence.
(3 hrs. lect. per week)

MATH 150 TECHNICAL COLLEGE MATHEMATICS (3)

Prerequisite: "C" or higher in MATH 25/50/75X OR Placement in MATH 150

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Calculating geometric perimeters, areas, and volumes. Trigonometry ratios for angles and values. Solving right and oblique triangles with trigonometry. Graphing trigonometry and vectors. Adding vectors with trigonometry and determine component vectors. Solve applied work-related problems.
(3 hrs. lect. per week)

MATH 150P TECHNICAL COLLEGE MATHEMATICS (3)

Prerequisite: "C" or higher in MATH 50P

Major Restriction: Applied Trades AS

Recommended Prep: Math prerequisites should be completed within the last two (2) years. Geometric angles of polygons and circles, including chord, tangent, arc, interior and exterior angle theorems. Trigonometry for right triangles and oblique triangles. Law of Sines & Law of Cosines, Graphing vectors, adding vectors with trigonometry, and determine component vectors. Solve course topics in applied work-related problems. Restricted to students in the Pearl Harbor Naval Shipyard program (PHNSY). (9 hrs. lect. per week)

MATH 203 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES (3)

Prerequisite: "C" or higher in MATH 135 or Placement in MATH 140

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Basic concepts; differentiation and integration; applications to management, finance, economics, and the social sciences. (3 hrs. lect. per week)

MATH 241 CALCULUS I (4)

Prerequisite: "C" or higher in MATH 140 OR Placement in MATH 241

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Basic concepts, techniques and applications of differentiation; introduction to integration.
(5 hrs. lect. per week)

MATH 242 CALCULUS II (4)

Prerequisite: "C" or higher in MATH 241 OR Placement in MATH 242

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Differentiation and integration of trigonometric, exponential, and logarithmic functions; introduction to hyperbolic functions; techniques and applications of integration; infinite sequences and series.
(5 hrs. lect. per week)

MATH 243 CALCULUS III (3)

Prerequisite: "C" or higher in MATH 242 OR Placement in MATH 243

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Functions of several variables, vectors and 3-dimensional analytic geometry, partial Functions of several variables, vectors and 3-dimensional analytic geometry, partial differentiation and applications, parametric equations, polar coordinates.
(3 hrs. lect. per week)

MATH 244 CALCULUS IV (3)

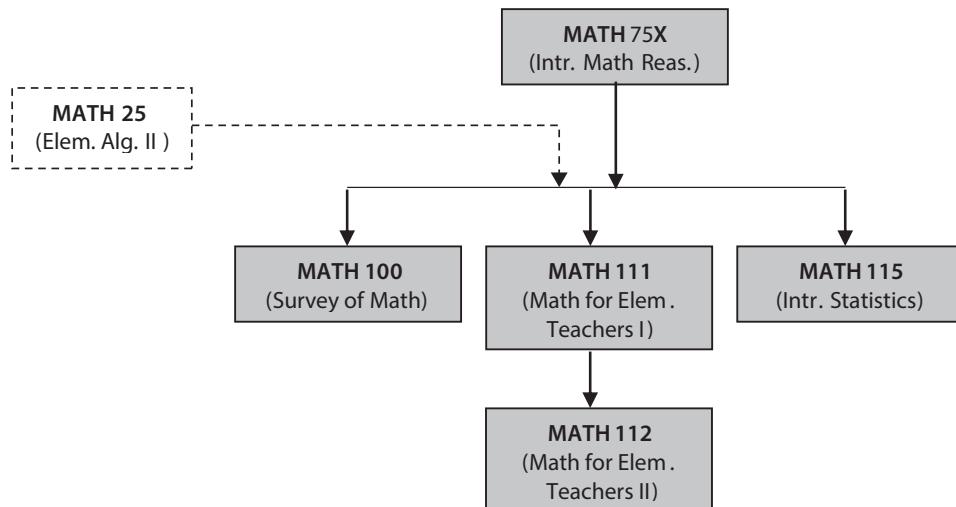
Prerequisite: "C" or higher in MATH 243 OR Placement in MATH 244

Recommended Prep: Math prerequisites should be completed within the last two (2) years.

Multiple integrals, line integrals, surface integrals, and applications, introduction to ordinary differential equations. (3 hrs. lect. per week)

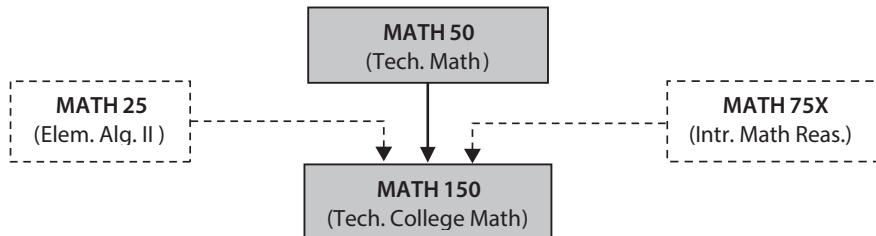
College Math Pathway

This chart illustrates the pathway of math courses for students seeking degrees that do NOT require College Algebra, Trigonometry or Calculus. Basically this pathway is for "Non -STEM" students. Before enrolling into a math course students are required to meet with an Academic Counselor to determine their major, their transfer school, and their courses. Students with undecided or undeclared majors are required to follow this pathway.



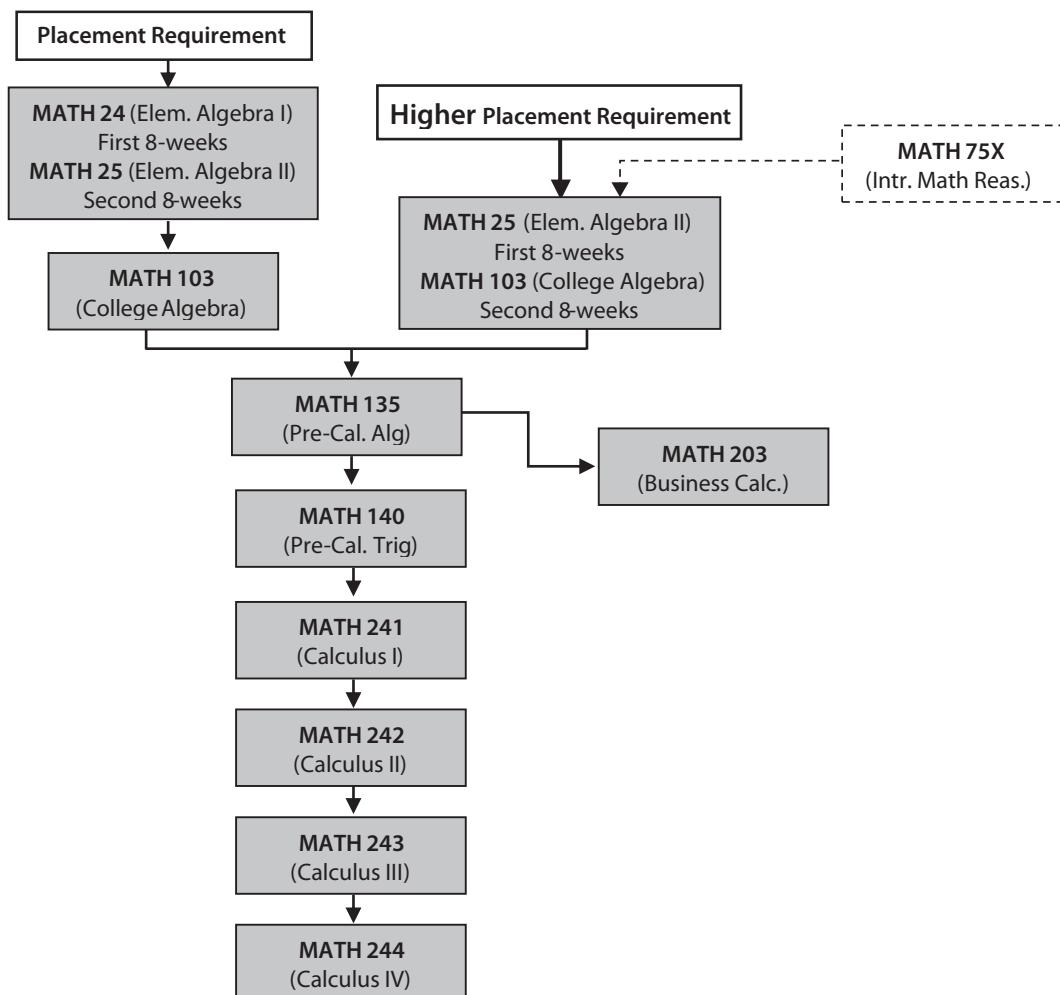
Technical Math Pathway

This chart illustrates the pathway of math courses for students seeking Technical two-year degrees that do NOT require College Math, College Algebra, Trigonometry or Calculus. Basically this pathway is for "CTE" students. Before enrolling into a math course students are required to meet with an Academic Counselor to determine their major and their courses.



College Algebra Pathway

This chart illustrates the pathway of math courses for students seeking degrees that require College Algebra, Trigonometry, and/or Calculus. Basically this pathway is for "STEM" students. Before enrolling into a math course students are required to meet with an Academic Counselor to determine their major, their transfer school, and their courses. This pathway contains accelerated courses which WILL contain daily classes, increased daily study time, and a greater assignment workload for the entire semester (similar to two courses in one semester).



MICROBIOLOGY (MICR)

MICR 130 GENERAL MICROBIOLOGY (3) (DB)

An introductory course to the world of microorganisms, with emphasis on bacteria, but including algae, fungi, protozoa, and viruses; their structure, growth and development, reproduction, and classification; and, their effects on people and their environment. Also included are selected topics in medical microbiology, immunology, and applied microbiology including food, industrial, sanitation, and public health microbiology. (3 hrs. lect. per week)

MICR 140L GENERAL MICROBIOLOGY LABORATORY (2) (DY)

Prerequisite or Co-requisite: MICR 130

Laboratory illustrating fundamental principles and techniques of microbiology. (4 hrs. lab. per week)

MILITARY SCIENCE & LEADERSHIP (MSL)

A weekly one-hour leadership laboratory is required for courses numbered 200 and above. This laboratory is optional for the 100-level courses. The laboratory includes practical application of leadership skills, drills and ceremonies, basic soldiering skills, and Army Physical Fitness Training (APFT).

MSL 100 INTRODUCTION TO PHYSICAL FITNESS (1)

Hands-on participatory course following the Army's physical fitness program. Classes conducted three days per week with Army ROTC cadets. Focus is on aerobic conditioning, muscular strength and endurance. Repeatable 3 times. A-F only. (4.5 hrs. lab. per week)

MSL 101 INTRODUCTION TO MILITARY SCIENCE I (2)

Introduces cadets to personal challenges and competencies critical for effective leadership; personal development of life skills such as goal setting, time management, physical fitness, and stress management related to leadership, officership, and the Army profession. Focus on developing basic knowledge and comprehension of Army Leadership Dimensions while understanding the ROTC program, its purpose in the Army, and its advantages for the student. (2 hrs. lect. per week)

MSL 101L INTRODUCTION TO MILITARY SCIENCE I LAB (1)

Co-requisite: MSL 101

Practical application in adventure training, Army field craft, rifle marksmanship, land navigation, drill and ceremonies, physical training. (2 hrs. lab. per week)

MSL 102 INTRODUCTION TO MILITARY SCIENCE II (2)

Overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback and using effective writing skills. Explores leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Cadre role models and building stronger relationships among cadets through common experience and practical interaction are critical. (2 hrs. lect. per week)

MSL 102L INTRODUCTION TO MILITARY SCIENCE II LAB (1)

Co-requisite: MSL 102

Practical application in adventure training, Army field craft, rifle marksmanship, land navigation, drill and ceremonies, physical training. (2 hrs. lab. per week)

MSL 201 INTERMEDIATE MILITARY SCIENCE I (3)

Explores creative and innovative tactical leadership strategies and styles through historical case studies and engaging in interactive student exercises. Cadets practice aspects of personal motivation and team building by planning, executing, and assessing team exercises. Focus is on continued development of leadership values and attributes through understanding of rank, uniform, customs and courtesies. (2.5 hrs. lect.; 2 hrs. lab. per week)

MSL 202 INTERMEDIATE MILITARY SCIENCE II (3)

Challenges of leading complex, contemporary operational environments. Dimensions of cross-cultural challenges of leadership in a constantly changing world are highlighted and applied to practical Army leadership tasks and situations. Cadets develop greater self awareness as they practice communication and team building skills, and tactics in real world scenarios. Provides a smooth transition to UHM MSL 301. (2.5 hrs. lect.; 2 hrs. lab. per week)

MSL 203 ROTC BASIC CAMP (6)

Instructor approval required.

Four-week summer course conducted at Ft. Knox, Kentucky. Substitutes for ROTC basic course (101, 102, 201, and 202) and fulfills course requirement for admission to ROTC advanced courses. Credit will be given for MSL 203 or basic courses, but not both.

MUSIC (MUS)

MUS 106 INTRODUCTION TO MUSIC LITERATURE (3)

Prerequisite: Placement in ENG 100 + ENG 100S

This is a music appreciation course with an emphasis on developing listening skills. Music of all periods is surveyed. Concert attendance supplements discussion of various styles of music. (3 hrs. lect. per week)

MUS 107 MUSIC IN WORLD CULTURES (3)

Prerequisite: Placement in ENG 100 + ENG 100S

An introduction to the field of ethnomusicology, in which historical, religious, social and political aspects of a society are studied in relationship to its music traditions and culture. In addition to these aspects, the musical elements of each culture are analyzed for the types of instruments, form/structure, context, activities, and music aesthetics. May be taken on a CR/N basis. (3 hrs. lect. per week)

MUS 114 COLLEGE CHORUS (2)

Music 114 is a performance-oriented course for students interested in singing in a large ensemble. The selected repertoire is drawn from a range of classical, popular (jazz, musical theatre, pop) and Polynesian/ethnic choral literature. Rehearsal and

performing practices as well as basic music reading are included in the course of study. An extra-curricular concert is scheduled at the end of the semester. Previous choral experience is not required. (1 hr. lect. /2 hrs. lab. per week)

MUS 121B VOICE 1 (2)

MUS 121B is the first of a three-semester sequence in learning solo singing skills. Concepts and skills introduced in the class include proper breath control and support, developing and discovering vocal production and potential, basic musicianship, song interpretation, and the basic principles of performing. (1 hr. lect. /2 hrs. lab. per week)

MUS 121D GUITAR 1 (2)

Comment: Students must supply their own guitar. Basic principles of classical guitar performance. Relevant problems in guitar literature at the elementary level. May be taken on a CR/N basis. (1 hr. lect.; 2 hrs. lab. per week)

MUS 121Z 'UKULELE 1 (2)

Comment: Students must supply their own 'ukulele (soprano, concert, or tenor.)

An introduction to basic principles of playing the 'ukulele. Concepts and skills introduced in the class include basic musicianship, tuning, chord structures, basic strumming techniques, and principles of accompanying and performing. May be taken on a CR/N basis. (1 hr. lect; 2 hrs. lab. per week)

MUS 122D GUITAR 2 (2)

Prerequisite: MUS 121D, or Instructor Approval
Comment: Students must supply their own guitar. Basic principles of classical guitar performance. Relevant problems in guitar literature at the intermediate-early advanced level. May be taken on a CR/N basis. (1 hr. lect.; 2 hrs. lab. per week)

MUS 122Z 'UKULELE 2 (2)

Prerequisite: MUS 121Z or Instructor Approval
Comment: Students must supply their own 'ukulele (soprano, concert, or tenor.)
An intermediate level performance course reinforcing the music concepts/principles of MUS 121Z. Concepts and skills introduced in the class include: basic musicianship, chord identification and progressions, strumming and picking techniques, and the principles of arranging and performing. May be taken on a CR/N basis. (3 hrs. lect./lab. per week)

MUS 253 ELEMENTARY MUSIC IN ACTION (3)

Prerequisite: Placement in ENG 100 + ENG 100S
An exploration of theory and practice of music for prospective school teachers. Examines the elements of music-pitch, time, form and performance media. These elements are explored and applied thru singing, playing of ukulele, piano and percussion instrument, listening, movement, notation of music, performing from notation and analysis of music both aurally and from musical scores. The creative use of musical elements is emphasized in this course. May be taken on a CR/N basis. (3 hrs. lect. per week)

MUSIC & ENTERTAINMENT LEARNING EXPERIENCE (MELE)

MELE 101 SURVEY OF MUSIC & ENTERTAINMENT BUSINESS (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 24, OR Placement in MATH 25

Attention is given to the practical application, theoretical foundations, in-depth analysis of organizations as well as general overview of the career opportunities found in the music & entertainment industry. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 102 SURVEY OF RECORDING TECHNOLOGY (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 24, OR Placement in MATH 25

A study of the major areas of recording technology as related to the music industry. The student receives an overall view of analog and digital technology with attention to its innovations, history and effect on the industry. May be taken on a CR/N basis.

(3 hrs. lect. per week)

MELE 103 INTRO TO MUSIC THEORY & SONGWRITING (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 24, OR Placement in MATH 25

Recommended Prep: ENG 100
MELE majors only.

An introduction to the fundamentals of music theory and songwriting for the contemporary music industry. Topics such as critical listening skills, song form analysis, scales & chords, music notation and digital audio workstation (DAW) music production will help to strengthen the student's understanding of the tools involved in the songwriting process. (3 hrs. lect. per week)

MELE 104 SONGWRITING APPLICATIONS IN MEDIA (3)

Prerequisite: "C" or higher in MELE 103

MELE majors only.

A study of the application of songwriting techniques for use in media productions. Students create their own original compositions with an emphasis on pitching them to recording artists, podcasts, advertising, and film & television. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 201 RECORD LABEL & MUSIC PUBLISHING OPERATIONS (3)

Prerequisite: "C" or higher in MELE 101

A study of the operational activities found in the recorded music and music publishing business, with an emphasis on key areas of activity such as artists and repertoire(A&R), sales, distribution, creative services, business affairs, and music licensing. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 202 PUBLIC RELATIONS & MEDIA TOOLS (3)

Prerequisite: "C" or higher in MELE 201

A practical and theoretical survey in the conceptualization, design and execution of effective public relations in the music & entertainment industry and its influence in other media environments, including social media, film & television, and special



events. Students engage in creative activities such as short form content creation for websites, blogs, podcasts, and YouTube. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 203 INTELLECTUAL PROPERTIES IN THE MUSIC & ENTERTAINMENT INDUSTRY (3)

Prerequisite: "C" or higher in MELE 204

A comprehensive study of intellectual property, the rationale for intellectual property protection, current issues involving intellectual property, international intellectual property issues, and the role of intellectual property in the music and entertainment industry. The types of intellectual property covered include copyrights, trademarks, trade secrets, and patents. Primary emphasis will be on copyright since that is an area of intellectual property most relevant to the music & entertainment industry. (3 hrs. lect. per week)

MELE 204 MUSIC PUBLISHING IN THE ENTERTAINMENT INDUSTRY (3)

Prerequisite: "C" or higher in MELE 201 and in MELE 202

A study of the major income streams found in music publishing. Fundamental topics such as types of deals, contracts, music licensing, foreign publishing, and catalog development will be discussed. Students form their own independent music publishing companies and learn the process of signing a songwriter, cutting a demo, and pitching their songs to the appropriate parties. (2 hrs. lect.; 2hrs. lab. per week)

MELE 205 CONCERT AND EVENT PRODUCTION (3)

Prerequisite: "C" or higher in MELE 201 and 202

Recommended Prep: ENG 100

MELE majors only.

A survey of the concert & special events business with primary emphasis given to the organizations involved in the production and presentation of small to large scale events found in the music & entertainment industry. Students learn the fundamental skills to successfully plan, produce, and present an end-of-semester concert/special event. (2 hrs. lect.; 2 hrs. lab per week)

MELE 206 MUSIC SUPERVISION (3)

Prerequisite: "C" or higher in MELE 201 and 202

MELE majors only.

A survey of the music supervision business with primary emphasis on developing a student's musical vision and style to best suit any creative media project. Students learn the fundamental skills needed to identify, secure, and supervise music-related content. (3 hrs. lect. per week)

MELE 211 AUDIO ENGINEERING I (4)

Prerequisite: "C" or higher in ENG 100, and in MELE 212, and in MELE 214

MELE majors only.

A detailed study of the technical characteristics and performance of each component of the recording studio. Topics include basic studio electronic signal flow, tape machine operations, dynamic processing, basic microphone use, studio acoustics, session

procedures and the role of the assistant engineer. Emphasis is placed on developing audio perception skills for recording engineers. May be taken on a CR/N basis. (2 hrs. lect.; 4 hrs. lab. per week)

MELE 212 DIGITAL AUDIO: THEORY AND WORKSTATIONS (3)

Prerequisite: "C" or higher in MELE 102

Co-requisite: MELE 214

MELE majors only.

This course is an introductory study into digital audio and the digital audio workstation (DAW). Topics include, but not limited to, digital audio theory, software and hardware components of a DAW, MIDI, ProTools basics for engineers and industry applications. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 213 STUDIO PRODUCTION (3)

Prerequisite: "C" or higher in MELE 212

Prerequisite or Co-requisite: MELE 211

MELE majors only.

An in-depth study of the producer and the production of recorded music product. Students will create "demo" and "master" projects under the guidance of the instructor. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 214 ELECTRONICS FOR AUDIO ENGINEERS (4)

Co-requisite: MELE 212

MELE majors only.

This course is an introduction to Electronics for Audio Engineers. Topics include DC circuits, AC circuits, Signal flow, Semiconductors, Studio Design and Audio over IP. (2 hrs. lect.; 4 hrs. lab. per week)

MELE 215 SOUND REINFORCEMENT (4)

Prerequisite: "C" or higher in MELE 102, and in ENG 100

MELE majors only.

A practicum based study of equipment, systems concepts, design, and acoustical problems involved in sound reinforcement for live performances and touring as related to professional concert situations. Lab hours required. May be taken on a CR/N basis. (2 hrs. lect.; 4 hrs. lab. per week)

MELE 216 LIVE AUDIO FOR MEDIA (4)

Prerequisite: "C" or higher in MELE 102, and in ENG 100

MELE majors only.

A hands on approach to the study of equipment, systems concepts, design, and acoustical problems involved in Live Audio for Media. Topics include, but are not limited to, Audio for Video at Live Events, A/V and Conferencing, Field and Set Recording, and Audio for Internet Mediums. (2 hrs. lect.; 4 hrs. lab. per week)

MELE 220 AUDIO ENGINEERING II (4)

Prerequisite: "C" or higher in MELE 211 and in MELE 212

MELE majors only.

A continuation of MELE 211, this course is an advanced study of the technical characteristics and performance of each component of the recording studio. Topics include advanced studio electronics and signal flow, computer-based digital recording and editing, analog



and digital tape machine operations, automated console operations, condenser microphones, spatial signal processing, and the role of the audio engineer. The development of audio perception skills for recording engineers is emphasized. Lab hours required. (2 hrs. lect., 4 hrs. lab. per week)

MELE 222 ADVANCED DIGITAL AUDIO: THEORY AND WORKSTATIONS (3)

*Prerequisite: "C" or higher in MELE 212
MELE majors only.*

This course is an advanced study into digital audio and the digital audio workstation (DAW). Topics include, but are not limited to, digital audio theory, software and hardware components of a DAW, MIDI, ProTools basics for engineers and industry applications. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 275 PRACTICUM (4)

*Instructor approval required based on completion of 40
MELE program hours.
MELE majors only.*

Practicum is a capstone course designed to provide students who have successfully completed program course work and program hours to intern at selected music and entertainment industry businesses. (150 hours of independent, supervised work to fulfill MELE graduation requirement) (1 hr. lect.; 9 hrs. Practicum per week)

MELE 311 AUDIO POST PRODUCTION I (3)

Prerequisite: MELE 212 or junior standing

This course is an introduction to Audio Post Production. Topics include, but are not limited to Dialogue, ADR, Sound Effects and design. This course supports the Creative Media concentration at the University of Hawai'i West Oahu. May be taken on a CR/N basis. (3 hrs. lect. per week)

MELE 320 AUDIO POST PRODUCTION II (3)

Prerequisite: MELE 311

This course is a study in advanced Audio Post Production. Topics include, but are not limited to Foley, Re-Recording Mixing and Surround Sound. This course supports the Creative Media concentration at the University of Hawai'i West Oahu. May be taken on a CR/N basis. (3 hrs. lect. per week)

OCCUPATIONAL AND ENVIRONMENTAL SAFETY MANAGEMENT (OESM)

OESM 101 INTRODUCTION TO OCCUPATIONAL SAFETY AND HEALTH (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115

An overview of the development and implementation of basic safety and health principles and techniques; identification of factors of causation, techniques of investigation and reporting and environment effects; survey of regulations and professional guidelines. Required for OESM majors. (3 hrs. lect. per week)

OESM 102 SAFETY AND HEALTH STANDARDS, CODES AND REGULATIONS (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115

Recommended Prep: OESM 101

History of the enactment of OSHA and other implementing legislation; an over-view of professional trends and career opportunities in occupational safety and health; occupational injuries and illness—scope of the problem, cost factors and causal factors of safety; concepts and techniques of inspections; emphasis on HIOSH standards for general industry. Required for OESM majors. (3 hrs. lect. per week)

OESM 103 INTRODUCTION TO ERGONOMICS (3)

Prerequisite: OESM 101

An introduction to the basic issues of ergonomics and their occupational applications, focusing on how to adapt the tasks to workers. Topics include work station design, man and machine interaction, lighting, load handling, and shift work. (3 hrs. lect. per week)

OESM 104 OCCUPATIONAL-RELATED DISEASES (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115

Basic information on major occupational diseases, how toxic materials and harmful physical agents affect the body, and methods of prevention. The course will cover required occupational health program and other related laws and regulations. Required for OESM majors. (3 hrs. lect. per week)

OESM 105 INTRODUCTION TO INDUSTRIAL HYGIENE (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115

Recommended Prep: CHEM 100 and OESM 104

This course will acquaint students with the recognition, evaluation and control of hazards related to air contaminants, skin irritants, noise, temperature extremes, illumination and radiation. Required for OESM majors. (3 hrs. lect. per week)

OESM 106 INTRODUCTION TO ENVIRONMENTAL HEALTH (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115

This course will help students develop understanding on the extent of environmental problems, how they affect the ecosystem and the workplace, how to investigate environmental problems, and pertinent environmental laws and regulations. Required for OESM majors. (3 hrs. lect. per week)

OESM 145 OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION (3)

Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115

Recommended Prep: OESM 101

Comprehensive overview of techniques and procedures to insure effective control of hazards and accidents in construction and allied industries; emphasis on applicable OSHA and HIOSH standards and related codes. (3 hrs. lect. per week)



OESM 147 ELECTRICAL SAFETY (3)*Prerequisite or Co-requisite: OESM 102*

Overview of the hazards, safe practices and methods in working with electrical energy, including the review and application of OSHA and HIOSH standards. (3 hrs. lect. per week)

OESM 150 INDUSTRIAL FIRE PROTECTION (3)*Prerequisite: OESM 101 and OESM 102*

Basic fire protection-prevention course for industry. Includes planning, managing and training for fire emergencies. Cross-listed as FIRE 150. Credit may be received for FIRE 150 or for OESM 150, but not both. (3 hrs. lect. per week)

OESM 153 ACCIDENT INVESTIGATION TECHNIQUES (3)*Prerequisite: OESM 101 and OESM 102*

Professional and scientific approach to accident investigation, including accident causation, discovering hazardous conditions and practices, and establishing relevant facts. (3 hrs. lect. per week)

OESM 160 LABOR AND MANAGEMENT: SAFETY PARTNERS (3)*Prerequisite: OESM 101*

Interaction of labor-management relations/laws with the education, implementation, and enforcement of occupational safety and health. Prepares students for the world of labor relations, labor laws, contract provisions, grievances, complaints, liability, and other challenges. (3 hrs. lect. per week)

OESM 193V COOPERATIVE EDUCATION (1–4)*Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115**Instructor approval required.**OESM majors only.*

This course will provide students with the opportunity to acquire on-the-job experience related to class-room and laboratory instruction in Occupational and Environmental Safety Management. Students may enroll 4 times for a maximum of 12 credits. It will not fulfill OESM electives. A minimum of one credit is required for the Associate in Science degree. May be taken on a CR/N basis. (5 hrs. work experience per week per credit)

OESM 200 MANAGING WORKERS COMPENSATION (3)*Prerequisite: OESM 101*

An introduction to the principles of Workers Compensation and management of this responsibility. Survey course covering the principles and techniques of Workers Compensation. (3 hrs. lect. per week)

OESM 205 PHYSICAL HAZARDS CONTROL (3)*Prerequisite: OESM 101*

Recommended Prep: Placement in ENG 100
Scope and application of systems safety: application of human engineering concepts and techniques with emphasis on human reliability and error; application of occupation safety and health requirements in purchasing and contracting, plant and job layout; principles and application of electrical and electronic safety; principles and application of manual and

mechanical equipment, elevators, chemical safety; high pressure and compressed gas system; hand and portable power tools; shop production, tools and equipment; introduction to construction safety; and, special industry hazards unique to the Hawaiian industrial environment. (3 hrs. lect. per week)

OESM 208 TECHNIQUES OF INDUSTRIAL HYGIENE (3)*Prerequisite: OESM 105*

An overview of the basic principles of industrial hygiene monitoring instruments and the principles governing their selection and uses with practical applications under professional supervision. Required for OESM majors. (3 hrs. lect. per week)

OESM 210 SAFETY PROGRAM MANAGEMENT (3)*Prerequisite: OESM 101**Recommended Prep: OESM 102*

This course will acquaint students with the fundamentals of management and their application to safety program development and organization. Emphasis will be given to the concepts of responsibility, accountability and authority as applied to occupational safety and health. Required for OESM majors. (3 hrs. lect. per week)

OESM 218 EMERGENCY RESPONSE FOR HAZARDOUS MATERIALS (4)*Prerequisite: Placement in ENG 100; "C" or higher in MATH 25, OR Placement in MATH 100/103/115**Recommended Prep: OESM 106*

This course provides students with hands-on instruction in safety and emergency response to chemical and physical exposures in industrial and field settings. Topics discussed include: hazard analysis, contingency planning, proper use and selection of PPE, site control and evaluation, field sampling and monitoring, and proper use of instruments. This course satisfies the requirements for generalized employee training under OSHA (1910.120). Cross-listed as FIRE 218. Credit may be received for FIRE 218 or for OESM 218, but not both. (4 hrs. lect. per week)

OCEANOGRAPHY (OCN)**OCN 101 MARINE OPTION PROGRAM SEMINAR (1)**

This course provides an orientation to the Marine Option Program (MOP) and reviews the requirements of the MOP certificate. The course explores opportunities for internships, projects and careers related to water environments. The course will present guidelines on proposal writing, project implementation, data collection and interpretation, and final report preparation and presentation. May be taken on a CR/N basis. (1 hr. lect. per week)

OCN 102 INTRODUCTION TO THE ENVIRONMENT AND SUSTAINABILITY (3) (DB)**(FORMERLY SCI 101)**

This course will introduce students to the basic principles of environmental science and sustainability as they apply to analysis of environmental systems on a global scale. The integrated natures of ocean, terrestrial and atmospheric systems will be introduced by first

introducing the Earth's major ecosystems and then discussing their coupled integration. The concepts of sustainability will be infused into the course with an emphasis on the importance of sustaining resources and mitigating pollution to ecosystems. This issue of sustainability will be approached from the perspective of the impact that 9 billion or more people will impose upon the planet's resources and ecosystems. Similarly, this course will include the concepts of sustainability with Native Hawaiian culture and indigenous knowledge. May be taken on a CR/N basis. (3 hrs. lect. per week)

OCN 201 SCIENCE OF THE SEA (3) (DP)

This course offers a descriptive and non-mathematical survey of geological, physical, chemical and biological oceanography, providing the student with a broad understanding of the sea floor and its features; chemical properties of sea water and its motions; life in the sea and its interaction with the environment. (3 hrs. lect. per week)

OCN 201L SCIENCE OF THE SEA LABORATORY (1) (DY)

Prerequisite or Co-requisite: OCN 201

OCN 201L is designed as a lab course to provide experiential education in basic oceanography. Through lab experiments, computer-aided data collection and analysis, field trips and visual observations, students will learn about earth, ocean and atmospheric interactions, ecological concepts, ocean resource utilization and management, environmental pollution and its impacts on world oceans. It will complement lectures in OCN 201 class. (3 hrs. lab. per week)

(See also ZOOLOGY for Marine Biology)

PHILOSOPHY (PHIL)

PHIL 100 INTRO PHILOSOPHY (3) (DH)

Recommended Prep: Placement in ENG 100 + ENG 100S
Great philosophical issues, theories, and controversies. (3 hrs. lect. per week)

PHIL 101 MORALS AND SOCIETY (3) (DH)

Recommended Prep: Placement in ENG 100 + ENG 100S
Philosophy 101 is a study of and deliberation on contemporary ethical issues through the perspective of classical and contemporary philosophical theories. (3 hrs. lect. per week)

PHIL 102 ASIAN TRADITIONS (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Universal themes and problems, with an emphasis on the Asian perspective. (3 hrs. lect. per week)

PHIL 109 REASONING AND CRITICAL THINKING (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
The course studies practical reasoning, informal logical argument, and the use and misuse of language. The course emphasizes the development of critical thinking skills by showing students how to examine and assess arguments and persuasive appeals, and make reliable

inferences from information when the evidence leaves us unsure of what is true. Understanding and appreciating the application of logical tools of critical thinking to evaluate personal and public policy decisions are the aims of this course. The historical and philosophical context of the value of logical and critical thinking will be integrated fully into the course. May be taken on a CR/N basis. (3 hrs. lect. per week)

PHIL 110 INTRO TO DEDUCTIVE LOGIC (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Development of basic techniques of analysis and an understanding of the principles and concepts involved in clear thinking. Logical validity, deductive and inductive reasoning, fallacious arguments, symbolic logic, and scientific method as applied to criteria of reasonable evidence will be emphasized. (3 hrs. lect. per week)

PHIL 111 INTRO TO INDUCTIVE LOGIC (3)

Recommended Prep: Placement in ENG 100 + ENG 100S; qualification for MATH 100

An introduction to inductive reasoning focusing on the role of probability. The focus of the course is on methods to assess non-deductive, uncertain, and risky inferences from a background of decision and probability theory. Students will learn calculation and inference techniques for assessing conclusions from evidence when the evidence provides an uncertain situation for truth. Competing theories of probability and the role of probability in evidence and knowledge acquisition will be covered. The use of probability in the news media, the sciences, and academia will be critically assessed. (3 hrs. lect. per week)

PHIL 120 SCIENCE, TECH, AND VALUES (3)

Prerequisite: ENG 100 or Placement in ENG 201-296
An introductory course addressing the relationship between science, technology, and human values with a focus on contemporary problems posed by developments in modern science. May be taken on a CR/N basis. (3 hrs. lect. per week)

PHIL 204 PHILOSOPHY AND FILM (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
This course analyzes a group of movies in light of the philosophical themes they embody. Movies implicitly and explicitly reflect specific philosophical themes, positions and ideas. Students will identify, articulate and critically evaluate these themes, positions and ideas in relation to traditional philosophical arguments and their own developing philosophy. (3 hrs. lect. per week)

PHIL 211 ANCIENT PHILOSOPHY (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
An introduction to the history of Western philosophy from the Presocratics to the Hellenistic Era based on translations of original texts. (3 hrs. lect. per week)

PHIL 213 MODERN PHILOSOPHY (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
An introduction to the history of Western philosophy from the 17th century based on texts of translations of "modern works." (3 hrs. lect. per week)

PHIL 255 COSMOLOGY (3)*Prerequisite: ENG 100*

An interdisciplinary study of science and philosophy from a humanistic perspective. A scientific description of the Universe and its constituents and its implications for human life will be discussed. Also, the central philosophical problems of cosmology will be discussed: the problem of understanding the world—including ourselves, and our knowledge, as part of the world. (3 hrs. lect. per week)

PHYSICS (PHYS)**PHYS 100 SURVEY OF PHYSICS (3) (DP)***Co-requisite: PHYS 100L*

An introductory course in physics for the non-science major, covering basic concepts and principles as related to everyday life, with emphasis on the interaction between society and physics—the most basic of all the sciences. (3 hrs. lect. per week)

PHYS 100L SURVEY OF PHYSICS LABORATORY (1) (DY)*Co-requisite: PHYS 100*

Simple experiments in the basic concepts of physics, illustrating the role of physics in society to the nonscientist. (3 hrs. lab. per week)

PHYS 103 PHYSICS FOR ELECTRICAL TECHNOLOGY (4)*Prerequisite: "C" or higher in MATH 103/150 OR Placement in MATH 135 or higher**EIMT majors only.*

A one semester introductory lecture/lab physics course covering select topics in Newtonian mechanics, with an emphasis on fundamental concepts in electricity and magnetism, and DC and AC circuits. (3 hrs. lect.; 3 hrs. lab. per week)

PHYS 104 PHYSICS FOR TRANSPORTATION TECHNOLOGY (4)*Prerequisite: "C" or higher MATH 103/150 or Placement in MATH 135 or higher**AMT and DISL majors only*

A one semester introductory lecture/lab physics course covering select topics in Newtonian mechanics, fluids, thermodynamics, electricity and magnetism, and DC circuits. (3 hrs. lect.; 3 hrs. lab. per week)

PHYS 105 PRINCIPLES OF TECHNOLOGY (4) (DP)+(DY)*Prerequisite: MATH 103 or MATH 135 or higher*

Presents fundamental theories and problem solving methods in physics as they relate to technology and its applications. Introduces experimental methods in physics and applications of modern technology experimental science. (3 hrs. lect.; 3 hrs. lab. per week)

PHYS 105P PHYSICS FOR APPLIED TRADES (3)*Prerequisite: "C" or higher in MATH 103/150P or Placement in MATH 135 or higher**APTR majors only*

Presents fundamental theories and problem solving methods in physics as they relate to technology and its applications. Introduces experimental methods in physics and applications of modern technology experimental science. (3 hrs. lect. per week)

PHYS 151 COLLEGE PHYSICS I (3) (DP)*Prerequisite: "C" or higher in MATH 140 or placement in MATH 241 or higher**Co-requisite: PHYS 151L*

PHYS 151 is the first half of a two semester, algebra-based, introductory physics sequence. The topics covered include Newtonian mechanics, work and energy, fluid mechanics, thermodynamics, and wave motion. (3 hrs. lect. per week)

PHYS 151L COLLEGE PHYSICS I LABORATORY (1) (DY)*Co-requisite: PHYS 151*

PHYS 151L is the laboratory course that accompanies PHYS 151 lecture. The scheduled experiments are designed to help reinforce selected topics introduced in the lecture course. These topics include Newtonian mechanics, work and energy, fluid mechanics, thermodynamics, and wave motion. (3 hrs. lab. per week)

PHYS 152 COLLEGE PHYSICS II (3) (DP)*Prerequisite: PHYS 151**Co-requisite: PHYS 152L*

PHYS 152 is the second half of a two-semester, algebra-based, introductory physics sequence. The topics covered include electricity, magnetism, circuits, optics, and select topics in modern physics. (3 hrs. lect. per week)

PHYS 152L COLLEGE PHYSICS II LABORATORY (1) (DY)*Co-requisite: PHYS 152*

PHYS 152L is the laboratory course that accompanies PHYS 152 lecture. The scheduled experiments are designed to help reinforce selected topics introduced in the lecture. These topics include electricity, magnetism, circuits, optics, and selected topics in modern physics. (3 hrs. lab. per week)

PHYS 170 GENERAL PHYSICS I (4) (DP)*Prerequisite or Co-requisite: MATH 242 OR Placement in MATH 243*

Calculus-based mechanics of particles and rigid bodies; kinematics, force, energy, momentum, rotation, gravitation, fluids, oscillations and waves. Intended for physical science and engineering majors. (4 hrs. lect. per week)

PHYS 170L GENERAL PHYSICS I LAB (1) (DY)*Prerequisite or Co-requisite: PHYS 170*

A lab course designed to complement PHYS 170. (3 hrs. lab. per week)

PHYS 272 GENERAL PHYSICS II (3) (DP)*Prerequisite: PHYS 170 and PHYS 170L**Co-requisite: PHYS 272L*

Electricity and magnetism; geometrical optics. (3 hrs. lect. per week)

PHYS 272L GENERAL PHYSICS II LAB (1) (DY)*Prerequisite or Co-requisite: PHYS 272*

Experimental analysis in electricity and magnetism and optics. (3 hrs. lab. per week)



PHYS 274 GENERAL PHYSICS III (3) (DP)

Prerequisite: PHYS 272 and 272L OR PHYS 152 and 152L
Prerequisite or Co-requisite: MATH 243 OR Placement in MATH 244
Relativity, introduction to quantum mechanics, atomic and nuclear physics, physical optics.
(3 hrs. lect. per week)

PHYSIOLOGY (PHYL)

PHYL 141 HUMAN ANATOMY & PHYSIOLOGY I (3) (DB)

Prerequisite or Co-requisite: PHYL 141L
Recommended Prep: BIOL 171 and CHEM 161
Anatomy, histology, physiology, biochemistry, genetics of human organ systems presented in integrated anatomy-physiology format. (3 hrs. lect. per week)

PHYL 141L HUMAN ANATOMY & PHYSIOLOGY I LAB (1) (DY)

Prerequisite or Co-requisite: PHYL 141
Recommended Prep: BIOL 171 and CHEM 161
Anatomy, histology, physiology, biochemistry, genetics of human organ systems presented in integrated anatomy-physiology format. (3 hrs. lab. per week)

PHYL 142 HUMAN ANATOMY & PHYSIOLOGY II (3) (DB)

Prerequisite: PHYL 141
Prerequisite or Co-requisite: PHYL 142L
Recommended Prep: BIOL 171 and CHEM 161
PHYL 142 Human Anatomy and Physiology II is a continuation of PHYL 141. This course covers the anatomy, histology, physiology, biochemistry, and genetics of human organ systems presented in integrated anatomy-physiology format.
(3 hrs. lect. per week)

PHYL 142L HUMAN ANATOMY & PHYSIOLOGY II LAB (1) (DY)

Prerequisite: PHYL 141L
Prerequisite or Co-requisite: PHYL 142
Recommended Prep: BIOL 171 and CHEM 161
PHYL 142L Human Anatomy and Physiology II Lab is a continuation of PHYL 141L. This course covers the anatomy, histology, physiology, biochemistry, and genetics of human organ systems presented in integrated anatomy-physiology format.
(3 hrs. lab. per week)

POLITICAL SCIENCE (POL)

POLS 110 INTRODUCTION TO POLITICAL SCIENCE (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
An introduction to political problems, systems, ideologies and processes. (3 hrs. lect. per week)

POLS 120 INTRODUCTION TO WORLD POLITICS (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
Contemporary world politics, including theories and analysis; historical background; nations, states and nonstate actors; economic development and globalization in the North and South; war; international law; human rights; and, the environment.
(3 hrs. lect. per week)

POLS 130 INTRODUCTION TO AMERICAN POLITICS (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
An introduction to American politics, including the Constitution, federalism, civil rights, the media, political participation, parties, elections, special interests, Congress, the Presidency, the bureaucracy, the courts, civil rights, the economy and foreign policy. May be taken on a CR/N basis. (3 hrs. lect. per week)

POLS 180 INTRODUCTION TO HAWAII POLITICS (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
An examination of contemporary Hawai'i political institutions, processes, issues, and personalities at the State and County levels. Hawai'i's place in the national and international political arenas, and the future of politics in Hawai'i. Emphasis is placed on citizen roles and responsibilities in local politics.
(3 hrs. lect. per week)

POLS 250 ASIAN POLITICS SINCE 1900 (3)

Prerequisite: Placement in ENG 100 + ENG 100S
This course will focus on ten Asian countries with the largest economics and populations, in order to familiarize students with the development of their politics, economics, and society. Cross-listed as ASAN 250. (3 hrs. lect. per week)

PSYCHOLOGY (PSY)

PSY 100 SURVEY OF PSYCHOLOGY (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
Survey of the field of psychology including methodology, individual differences, neuroscience, sensation and perception, learning, memory, thinking and intelligence, development, personality, social psychology, and abnormal psychology.
(3 hrs. lect. per week)

PSY 180 PSYCHOLOGY OF WORK (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
Introduction to psychological aspects of work-related phenomena with emphasis on importance of human relations in work settings. Focuses on application of industrial organizational theory to understanding problems in worker morale, impression management, career assessment, organizational versus individual goals. (3 hrs. lect. per week)

PSY 212 SURVEY OF RESEARCH METHODS (3) (DS)

Prerequisite: "C" or higher in PSY 100
This is a lecture-based course surveying experimental and non-experimental methods and the issues involved in psychological science and research. Topics include the scientific method, conducting literature reviews, and the American Psychological Association writing style. (3 hrs. lect. per week)

PSY 220 INTRODUCTION TO BEHAVIORAL PSYCHOLOGY (3) (DS)

Prerequisite: "C" or higher in PSY 100
This course provides an introduction to behavioral psychology, covering principles and theories of learning and behavior. Topics covered include classical conditioning, operant conditioning, behavior

modification, and application of findings from laboratory research to various areas of psychology and other social sciences. (3 hrs. lect. per week)

PSY 225 STATISTICAL TECHNIQUES (3) (DS)

Prerequisite: "C" or higher in PSY 100 and MATH 100 or higher

Frequency distributions; graphic methods; central tendency; variability; correlation; reliability; tests of significance. (3 hrs. lect. per week)

PSY 230 INTRODUCTION TO PSYCHOBIOLOGY (3) (DB)

Prerequisite: "C" or higher in PSY 100

Survey of the study of behavior from a natural sciences viewpoint. Evolution, ethological analysis of behavior, behavior genetics, neural mechanisms, drugs and behavior, biological development. (3 hrs. lect. per week)

PSY 240 DEVELOPMENTAL PSYCHOLOGY (3) (DS)

Prerequisite: "C" or higher in PSY 100

Emotional, mental, physical, social development from infancy to adulthood; interests and abilities at different age levels. (3 hrs. lect. per week)

PSY 250 SOCIAL PSYCHOLOGY (3) (DS)

Prerequisite: "C" or higher in PSY 100

Cognitive, behavioral and emotional effects of people: interpersonal relations, attribution, attitudes, group behavior, stereotypes, social roles, aggression, helping, self-concept; and applications. (3 hrs. lect. per week)

PSY 260 PSYCHOLOGY OF PERSONALITY (3) (DS)

Prerequisite: "C" or higher in PSY 100

Scientific study of personality, its meaning, assessment, development, and relation to cultural-social determinants. (3 hrs. lect. per week)

PSY 270 INTRODUCTION TO CLINICAL PSYCHOLOGY (3) (DS)

Prerequisite: "C" or higher in PSY 100

History, theories, types of psychological problems, methods of assessment, forms of intervention, current developments. (3 hrs. lect. per week)

REFRIGERATION AND AIR CONDITIONING TECHNOLOGY (RAC)

RAC 21 BASIC REFRIGERATION (12)

Prerequisite or Co-requisite: MATH 50, OR Placement in MATH 150 or higher.

RAC majors only.

Principles of physics applicable to mechanical and absorption cycles. Heat energy, heat transfer, properties of matter, change of state, laws of gases, temperature-pressure relationship, thermodynamic principles in the mechanical cycle, compressors, condensers, receivers, refrigerant controls, evaporators and accessories. Hand tools, fasteners, special refrigeration tools, tube bending, flaring, soldering, compressor overhaul, condensing unit overhaul, refrigeration system construction, operation, test and repair. Safety and Physics content applicable to the RAC area. (24 hrs. lect./lab. per week)

RAC 32 COMMERCIAL REFRIGERATION (12)

Prerequisite: RAC 21

RAC majors only.

Commercial systems: application, servicing, heat loads and piping. Absorption principles and special refrigeration devices and application. Advanced maintenance, trouble-shooting and repair of domestic and commercial units. Introduction to the concepts, theories and application of electricity as they apply to refrigeration and air conditioning. (24 hrs. lect./lab. per week)

RAC 40 AIR CONDITIONING I (12)

Prerequisite: RAC 32

RAC majors only.

Second portion of electrical fundamentals. Topics include motors, control devices, control systems and trouble-shooting. Chemistry of air, air and human comfort, psychrometric properties of air, the psychrometric chart, problems for the conditioned air supply, conduction, solar transmission, occupancy and equipment heat gains and losses, coil load and total air supply. (24 hrs. lect./lab. per week)

RAC 50 AIR CONDITIONING II (12)

Prerequisite: RAC 40

RAC majors only.

Duct sizing, duct devices, system design, system balance, control systems, double-duct systems, hydraulic systems, centrifugal systems, and heat pumps. Advanced maintenance, trouble-shooting, system balance, control setup, water testing and engineering studies on central station chill water air conditioning system and operation of a maintenance shop. Safety and Physics content applicable to the RAC area. (24 hrs. lect./lab. per week)

RELIGION (REL)

REL 150 INTRODUCTION TO THE WORLD'S MAJOR RELIGIONS (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Introduction to the world's living religions: Hinduism, Buddhism, Shintoism, Confucianism, Taoism, Judaism, Christianity, Islam. (3 hrs. lect. per week)

REL 151 RELIGION AND THE MEANING OF EXISTENCE (3) (DH)

Recommended Prep: Placement in ENG 100 + ENG 100S
Introduction to basic ideas and issues of contemporary religious thought related to the question: "What is the meaning of existence?" May be taken on a CR/N basis. (3 hrs. lect. per week)

REL 201 UNDERSTANDING THE NEW TESTAMENT (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Origin and development of early Christian message as set forth in New Testament, with special attention to Jesus and Paul. (3 hrs. lect. per week)

REL 203 UNDERSTANDING CHINESE RELIGIONS (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Taoist, Confucian, Buddhist, Maoist and folk beliefs and practices in social and historical context. (3 hrs. lect. per week)

REL 204 UNDERSTANDING JAPANESE RELIGIONS (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
A survey of major aspects of Japanese religion including Shinto, Buddhism and modern new religions. The various traditions will be viewed within their historical and social contexts. Emphasis will be placed on issues of contemporary significance.
(3 hrs. lect. per week)

REL 207 UNDERSTANDING BUDDHISM (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Survey of major forms and practices.
(3 hrs. lect. per week)

REL 210 UNDERSTANDING CHRISTIANITY (3) (DH)

Recommended Prep: Placement in ENG 100 + ENG 100S
History of Ideas concentrating on those events, persons, and issues which have had the greatest impact on the evolution of Christianity. May be graded on a CR/N basis. (3 hrs. lect. per week)

SCIENCE (SCI)

SCI 193V COOPERATIVE EDUCATION (1-4)

Instructor approval required.

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Science. Students may enroll 4 times for a maximum of 12 credits.
(5 hrs. work experience per week per credit)

SCI 295V SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) RESEARCH EXPERIENCE (1-3) (DY)

Instructor approval required.

SCI 295 offers a research experience in science, technology, engineering and/or mathematics, emphasizing the application of the scientific method to a specific project. Students may enroll 3 times for a maximum of 6 credits.
(Students will be required to spend three hours per week per credit directly working on their project.)

SHEET METAL AND PLASTICS TECHNOLOGY (SMP)

SMP 20 HAND TOOL AND MACHINE PROCESSES (4)

Co-requisite: SMP 21 & 22 & 23

SMP majors only.

Develop skills and safety practices in the use of hand tools and machines. The techniques of soldering, drilling, punching, riveting, seaming, and other tools and machine operations. The characteristics and uses of sheet metal, supplies, fastening devices and plastics.
(2 hrs. lect.; 6 hrs. lab. per week)

SMP 21 SHOP PROBLEMS (3)

Co-requisite: SMP 20 & 22 & 23

SMP majors only.

To provide students with the essential principles and concepts related to sheet metal work to enable them to understand and solve everyday problems encountered in the shop. Students will develop the

necessary skills and knowledge through the study and practice of actual sheet metal shop problems using terminologies and standards in current use throughout the country. (3 hrs. lect. per week)

SMP 22 FABRICATION PROCESSES (ARCHITECTURAL) (4)

Co-requisite: SMP 20 & 21 & 23

SMP majors only.

Emphasis on variously shaped gutters, gutter miters, hangers, flashing of all types, downspout, expansion joints and other similar work. Standard installation practices. (2 hrs. lect.; 6 hrs. lab. per week)

SMP 23 INTRODUCTION TO SURFACE DEVELOPMENT (2)

Co-requisite: SMP 20 & 21 & 22

SMP majors only.

Construction of geometrical figures. Concept of multi-view drawings and the planes of projection. Principles of parallel and radial line development and triangulation. Simple patterns.
(1 hr. lect., 3 hrs. lab. per week)

SMP 24 ADVANCED FABRICATION PROCESSES (ARCHITECTURAL) (4)

Prerequisite: SMP 23

Co-requisite: SMP 25 and SMP 26

SMP majors only.

Skills in the fabrication of mitered transitional roof jacks, cornices, skylights, louvers, roof ventilators and complex roofing seams. Different methods of installation. (2 hrs. lect.; 6 hrs. lab. per week)

SMP 25 AIR CONDITIONING FABRICATION (4)

Co-requisite: SMP 24 and SMP 26

SMP majors only.

Training in fabricating air conditioning and ventilating duct work. Seams, locks, hangers, fastening devices, vaned turned elbows and other basic fittings that are commonly used. Standard installation practices. (2 hrs. lect.; 6 hrs. lab. per week)

SMP 26 PATTERN DEVELOPMENT I (2)

Co-requisite: SMP 24 and SMP 25

SMP majors only.

Patterns for various types of transitions. Square to round, oval to round and other fittings in this area. Patterns for the basic fittings that are commonly used. Standard installation practices.
(1 hr. lect., 3 hrs. lab. per week)

SMP 41 ADVANCED AIR CONDITIONING FABRICATION (4)

Prerequisite: SMP 26

SMP majors only.

Fabrication of complex fittings in both high and low velocity air conditioning systems. Various types of reinforcing and transverse seams, sealants and insulation. (2 hrs. lect.; 6 hrs. lab. per week)

SMP 43 PATTERN DEVELOPMENT II (2)

Prerequisite: SMP 26

SMP majors only.

In this course patterns are developed for low, medium and high pressure air conditioning systems. Patterns for fittings used in blow pipe work are included in this course. (1 hr. lect., 3 hrs. lab. per week)



SMP 44 BLOW PIPE FABRICATION (4)*Prerequisite: SMP 43**SMP majors only.*

The emphasis is on round work in such areas as blow pipe, air conditioning duct, and ventilation systems. Included in this course is the fabrication of canopies and hoods for machines.

(2 hrs. lect.; 6 hrs. lab. per week)

SMP 45 ADVANCED FABRICATION (GENERAL) (4)*Prerequisite: SMP 41**Co-requisite: SMP 44 & 46 & 49**SMP majors only.*

The emphasis of this course is on fabricating complex work in all areas of sheet metal. Field trips to shops that specialize in kitchen equipment; spiral pipe and other specialty shops are part of this course.

(2 hrs. lect.; 6 hrs. lab. per week)

SMP 46 PATTERN DEVELOPMENT III (2)*Prerequisite: SMP 43**SMP majors only.*

Pattern development, emphasizing complex, intersecting problems and short-cut methods that are practical in industry. (1 hr. lect.; 3 hrs. lab. per week)

SMP 49 ADVANCED SHOP PROBLEMS (2)*Prerequisite: SMP 21**SMP majors only.*

To provide the second-year sheet metal majors with the specialized technical knowledge and problem solving techniques to be able to understand and find effective solutions to advanced shop problems expected to be encountered in the sheet metal industry. (2 hrs. lect. per week)

SMP 93V COOPERATIVE EDUCATION (1-9)*Instructor approval required.**SMP majors only.*

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in Sheet Metal and Plastics. Students may enroll 4 times for a maximum of 12 credits. (5 hrs. work experience per week per credit)

SOCIAL SCIENCES (SSCI)**SSCI 120 HAWAII'S PEOPLE (3)**

A survey of ethnic subcultures in America, with emphasis on Hawai'i's ethnic mosaic. The critical framework covers dominant-subordinate relationships in both a historical and modern setting. The processes of prejudice, discrimination, identity, cyclical patterns of ethnic relations, acculturation, assimilation, contention, submission, revitalization and the psychology of racism will be applied to the major ethnic minorities of Hawai'i. (3 hrs. lect. per week)

SSCI 125 PACIFIC ISLAND PEOPLES (3) (DH)*Recommended Prep: ENG 100 + ENG 100S or ESL 23, OR Placement in ENG 100*

This course is a survey of Pacific Island societies, using social science perspectives to analyze the effects of environmental constraints, cultural tradition, historical

experience, political and economic development, and social change upon the peoples of Melanesia, Micronesia, and Polynesia. It will give students an understanding of the major problems and alternative futures which Pacific island communities now face. Cross-listed as ANTH 135. (3 hrs. lect. per week)

SSCI 193V COOPERATIVE EDUCATION (1-4)*Instructor approval required.*

This course will provide students with the opportunity to acquire on-the-job experience related to classroom and laboratory instruction in the Social Sciences. Students may enroll 4 times for a maximum of 12 credits. (5 hrs. work experience per week per credit)

SSCI 250 GENDER AND SOCIETY (3)

An introduction to social science perspectives and research findings on the effect of sex/gender roles on individuals, their communities and larger social institutions such as family, education, employment and government. (3 hrs. lect. per week)

SOCIAL WORK (SW)**SW 200 THE FIELD OF SOCIAL WORK (3)***Recommended Prep: ENG 100 + ENG 100S or ESL 23, OR Placement in ENG 100*

Orientation to the profession of social work; the nature and scope of social work, historical development, values and philosophy, methods of practice, and selected fields of practice. (3 hrs. lect. per week)

SOCIOLOGY (SOC)**SOC 100 SURVEY OF GENERAL SOCIOLOGY (3) (DS)***Prerequisite: Placement in ENG 100 + ENG 100S*

Basic social relationships, norms, social structures and processes affecting social change. (3 hrs. lect. per week)

SOC 212 INTRODUCTION TO THE SOCIOLOGY OF JAPAN (3) (DS)*Prerequisite: Placement in ENG 100 + ENG 100S*

This course offers an introduction to the persistence and change in economy, policy, religion, education, family, and other institutions of modern Japan. Both structure and culture of Japanese society will be examined. May be taken on a CR/N basis. (3 hrs. lect. per week)

SOC 214 INTRODUCTION TO RACE AND ETHNIC RELATIONS (3) (DS)*Prerequisite: Placement in ENG 100 + ENG 100S*

This course will acquaint students with the problems and dynamics of race and ethnic relations in comparative local, national, and world perspectives. Theory and research related to the social, economic, and political problems of ethnic and racial groups, and their existence and accommodation within societies will be reviewed and analyzed. (3 hrs. lect. per week)

SOC 218 INTRODUCTION TO SOCIAL PROBLEMS (3) (DS)*Prerequisite: Placement in ENG 100 + ENG 100S*

Introduction to Social Problems will acquaint students



with the variety of social problems facing our society today. Local social problems will be emphasized. Sociological research and theories related to crime and delinquency, drug and alcohol abuse, sexual deviance, ethnic relations, economic disruption and unemployment, social consequences of sexism, and family disorganization will be discussed and students will be required to conduct a small research project in a selected area. (3 hrs. lect. per week)

SOC 231 INTRODUCTION TO JUVENILE DELINQUENCY (3) (DS)

Prerequisite: Placement in ENG 100 + ENG 100S
Forms of juvenile deviance; conditions and processes that result in the alienation and deviance of youth. Juvenile corrections as an institutionalized societal response. May be taken on a CR/N basis.
(3 hrs. lect. per week)

SOC 251 INTRODUCTION TO SOCIOLOGY OF THE FAMILY (3)

Prerequisite: Placement in ENG 100 + ENG 100S
Family patterns, mate selection, parent-child interaction, socialization of roles, legal sanctions, and current trends in family organization and functions. (3 hrs. lect. per week)

SPEECH (SP)

SP 151 PERSONAL AND PUBLIC SPEECH (3) (DA)

Recommended Prep: Placement in ENG 100 + ENG 100S
This course introduces students to the basic principles of human communication. Perceptual processes, cultural awareness, verbal and nonverbal communication, and effective listening techniques are discussed. Students also receive practice in improving their competency in the areas of informative and persuasive speaking, and in interpersonal and small group communication. (3 hrs. lect. per week)

SP 170 INTRODUCTION TO NONVERBAL COMMUNICATION (3) (DS)

Recommended Prep: Placement in ENG 100 + ENG 100S
This introductory course is designed to survey the basic principles of nonverbal communication. Students will gain knowledge about the communication value associated with the use of body movements, facial expressions, eye behavior, physical appearance, voice, touch, space, smell, time, and environmental features. Emphasis will be placed on developing a keener sensitivity to nonverbal behavior through lectures, discussions, exercises, and practical experimentation. (3 hrs. lect. per week)

SP 181 INTRODUCTION TO INTERPERSONAL COMMUNICATION (3) (DS)

Recommended Prep: Placement in ENG 100 + ENG 100S
This course introduces students to the basic principles of interpersonal communication. Students will gain an understanding of the various stages of a relationship, how to deal with conflict in a relationship, and various assertive communication strategies. Students will research and write about interpersonal communication in a clear, logical, and inventive manner. (3 hrs. lect. per week)

SP 251 PRINCIPLES OF EFFECTIVE PUBLIC SPEAKING (3) (DA)

Recommended Prep: SP 151 or Placement in ENG 100
This course provides students with the opportunity to improve their public speaking skills through extensive practice in speech preparation and delivery techniques. Emphasis is given to audience analysis, gathering supporting materials, and organization, in addition to other speechmaking techniques for a variety of speaking occasions. (3 hrs. lect. per week)

SP 253 ARGUMENTATION AND DEBATE (3)

Recommended Prep: Placement in ENG 100 + ENG 100S, SP 151
Argument as a technique in the investigation of social problems; formal and informal practice in the use of evidence, proof, refutation, and argument. May be taken on a CR/N basis. (3 hrs. lect. per week)

SP 290 INTERVIEWING (3)

Recommended Prep: SP 151
Speech 290 provides an introduction to the principles of interviewing. In addition to discussing theoretical material, students will have opportunities to serve as both interviewers and interviewees in a variety of in-class interviewing activities. Students will participate in survey interviews, employment interviews, counseling interviews, and persuasive interviews. May be taken on a CR/N basis. (3 hrs. lect. per week)

THEATRE (THEA)

THEA 101 INTRODUCTION TO DRAMA AND THEATRE (3)

Prerequisite: Placement in ENG 100 + ENG 100S
Representative plays studied as illustrative of changing forms in the theatre and dramatic literature. (3 hrs. lect. per week)

THEA 201 INTRODUCTION TO THE ART OF THE FILM (3)

Recommended Prep: Placement in ENG 100 + ENG 100S
Introduction to aesthetic aspects of silent and sound movies. Technical subjects analyzed only as they relate to theme and style. (3 hrs. lect. per week)

WELDING TECHNOLOGY (WELD)

WELD 100 WELDING FOR TRADES AND INDUSTRY (3)

(FORMERLY WELD 19)
(For Non-majors)

Introduction to the various methods of welding, including electric, oxyacetylene, and oxyacetylene cutting. (90 hrs. lect./lab. per term)

WELD 121 HAND AND SHOP TOOLS (2)

(FORMERLY WELD 21)
Co-requisite: WELD 160, 162, 164, 166, 168
WELD majors only.

Instruction in the care and use of hand and power tools. Safe operation of metal shears, abrasive cutters, sanders, grinders, and hydraulic benders. (60 hrs. lect./lab. per term)

WELD 152 INTRODUCTION TO ARC I (3)**(FORMERLY WELD 52)***Prerequisite: Placement in ENG 100; MATH 50 OR**Placement in MATH 150 or higher**Prerequisite or Co-requisite: IEDB 100**Co-requisite: WELD 154, 156, 158**WELD majors only.*

Fundamentals of oxyacetylene and arc welding. Proper use and operation of oxyacetylene equipment. Operation and use of various types of welding machines. Electrode identification and arc welding terminology. Welding on carbon steel in the flat fillet position. (90 hrs. lect./lab. per term)

WELD 154 INTRODUCTION TO ARC II (2)**(FORMERLY WELD 54)***Prerequisite or Co-requisite: WELD 152**Co-requisite: WELD 156, 158**WELD majors only.*

Introduction to the horizontal position. Single and multi-pass fillet welding on carbon steel using E6010 or E6011, and E7018 electrodes. (60 hrs. lect./lab. per term)

WELD 156 INTRODUCTION TO ARC III (2)**(FORMERLY WELD 56)***Prerequisite or Co-requisite: WELD 154**Co-requisite: WELD 152, 158**WELD majors only.*

Introduction to the vertical position. Single and multi-pass fillet welding on carbon steel using E6010 or E6011, and E7018 electrodes. (60 hrs. lect./lab. per term)

WELD 158 INTRODUCTION TO ARC IV (2)**(FORMERLY WELD 58)***Prerequisite or Co-requisite: WELD 156**Co-requisite: WELD 152, 154**WELD majors only.*

Introduction to the overhead position. Single and multi-pass fillet welding on carbon steel using E6010 or E6011, and E7018 electrodes. (60 hrs. lect./lab. per term)

WELD 160 ADVANCED ARC WELDING I (2)**(FORMERLY WELD 60)***Prerequisite: Placement in ENG 100; MATH 50 OR**Placement in MATH 150 or higher**Co-requisite: WELD 121, 162, 164, 166, 168**WELD majors only.*

Single and multi-pass groove welding, on carbon steel, using E7018 electrodes. Welding to be done in the 1G (flat) and 2G (horizontal) positions. (60 hrs. lect./lab. per term)

WELD 162 ADVANCED ARC WELDING II (3)**(FORMERLY WELD 62)***Prerequisite or Co-requisite: WELD 160**Co-requisite: WELD 121, 164, 166, 168**WELD majors only.*

Single and multi-pass groove welding on carbon steel using E7018 electrodes. Welding to be done in the 3G (vertical up) position. Limited thickness Guided Bend Test will be administered. (90 hrs. lect./lab. per term)

WELD 164 ADVANCED ARC WELDING III (3)**(FORMERLY WELD 64)***Prerequisite or Co-requisite: WELD 162**Co-requisite: WELD 121, 160, 166, 168**WELD majors only.*

Single and multi-pass groove welding on carbon steel plate using E7018 electrodes in the 4G (overhead) position. Limited thickness Guided Bend Test will be administered. (90 hrs. lect./lab. per term)

WELD 166 PLASMA AND AIR CARBON ARC CUTTING (1)**(FORMERLY WELD 66)***Co-requisite: WELD 121, 160, 162, 164, 168**WELD majors only.*

Care and safe use of plasma and air carbon arc cutting process will be covered. Cutting operations will be done on carbon steel, aluminum, and stainless steel. (30 hrs. lect./lab. per term)

WELD 168 BLUEPRINT READING FOR WELDERS (3)**(FORMERLY WELD 68)***Prerequisite: IEDB 100**Co-requisite: WELD 121, 160, 162, 164, 166**WELD majors only.*

A basic course in blueprint interpretation designed primarily for Welding Technology majors. Emphasis will be placed on welding symbols and their significance. Basic instruction in structural shapes and estimating will also be covered. (45 hrs. lect. per term)

WELD 170 OXYACETYLENE WELDING I (2)**(FORMERLY WELD 70)***Prerequisite: Placement in ENG 100; MATH 50 OR**Placement in MATH 150 or higher**Co-requisite: WELD 172, 174, 176, 178**WELD majors only.*

Care and use of oxyacetylene equipment. Fusion welding on steel in the flat and horizontal positions. (60 hrs. lect./lab. per term)

WELD 172 OXYACETYLENE WELDING II (2)**(FORMERLY WELD 72)***Co-requisite: WELD 170, 174, 176, 178**WELD majors only.*

Care and use of oxyacetylene equipment. Braze welding on steel in the flat and horizontal positions. (60 hrs. lect./lab. per term)

WELD 174 TIG WELDING I (2)**(FORMERLY WELD 74)***Co-requisite: WELD 170, 172, 176, 178**WELD majors only.*

Theory, practice and application of the TIG welding process. Welding of carbon steel and stainless steel. (60 hrs. lect./lab. per term)

WELD 176 TIG WELDING II (2)**(FORMERLY WELD 76)***Co-requisite: WELD 170, 172, 174, 178**WELD majors only.*

Theory, practice and application of the TIG welding process in the welding of aluminum. (60 hrs. lect./lab. per term)

WELD 178 FABRICATION TECHNIQUES (4)

(FORMERLY WELD 78)

Co-requisite: WELD 170, 172, 174, 176

WELD majors only.

Introduction to the layout and fabrication of welded structures, jigs, and fixtures. Interpretation and practical applications of blueprints and sketches. Miter cuts and the identification and processing of metals. (120 hrs. lect./lab. per term)

WELD 180 GAS METAL AND FLUX CORED ARC WELDING (5)

(FORMERLY WELD 80)

Prerequisite: Placement in ENG 100; MATH 50 OR

Placement in MATH 150 or higher

Co-requisite: WELD 182, 184

WELD majors only.

Theory, practice, and applications of Gas Metal and Flux Cored Arc Welding processes including safety and manipulative skills. Welding of carbon steel and aluminum. (150 hrs. lect./lab. per term)

WELD 182 WELDING INSPECTION AND TESTING PRINCIPLES (1)

(FORMERLY WELD 82)

Co-requisite: WELD 180, 184

WELD majors only.

Introduction to welding codes and qualifications. Visual, destructive, and nondestructive methods will be covered. (30 hrs. lect./lab. per term)

WELD 184 ADVANCED FABRICATION TECHNIQUES (4)

(FORMERLY WELD 84)

Co-requisite: WELD 180, 182

WELD majors only.

Emphasis on the use of various types of equipment together with the interpretation of blueprints and sketches to perform practical work assignments. (120 hrs. lect./lab. per term)

WOMEN, GENDER, & SEXUALITY STUDIES (WGSS)

[Formerly Women's Studies (WS)]

WGSS 151 INTRO TO WOMEN, GENDER, & SEXUALITY STUDIES (3) (DS)

(FORMERLY WS 151)

Recommended Prep: Placement in ENG 100 + ENG 100S
Introduction to feminist interdisciplinary analysis from global and critical perspectives; relationships between women and men from Asia-Pacific, Hawaiian, and other cultures, with a focus on gender, race, class, and sexual dynamics; exploration of women's negotiations with institutional dynamics. (3 hrs. lect. per week)

WGSS 230 GENDER AND SPORT (3) (DS)

(FORMERLY WS 230)

Prerequisite: Placement in ENG 100 + ENG 100S

Recommended Prep: ENG 100

Explores the influence of gender in sport from cultural, psychosocial, and political perspectives. Examines

women's and men's role as participants, spectators, and employees of sport and sports organizations. (3 hrs. lect. per week)

WORK CYCLE (WORK)

WORK 194V COOPERATIVE EDUCATION - FEDERAL WORK

CYCLE (1-6)

Instructor approval required. Acceptance in Federal Coop Ed Program required.

This course is for students accepted in a Federal Cooperative Education program. During the Work Cycle, students are assigned work experiences related to academic studies or career goals. Students may enroll 6 times for credit with instructor approval, up to a total of 24 credits.

(5 hrs. work experience per week per credit)

ZOOLOGY (ZOOL)

ZOOL 200 MARINE BIOLOGY (3) (DB)

Co-requisite: ZOOL 200L

Lectures in this course provide an introduction to the marine flora and fauna, including those of the Hawaiian waters. A knowledge of the physical, biological and ecological characteristics of the marine environment is important for understanding the life systems of the ocean. The course will cover coral reef organisms, deep sea life, fisheries, farming the ocean, marine resources and the effects of pollution on marine life; with special emphasis on the Hawaiian marine environment. May be taken on a CR/N basis. (3 hrs. lect. per week)

ZOOL 200L MARINE BIOLOGY LAB (1) (DY)

Prerequisites or Co-requisite: ZOOL 200

Companion laboratory to ZOOL 200, Marine Biology. Practical, hands-on experiences in marine biology. Laboratory/field trip class. May be taken on a CR/N basis. (3 hrs. lab.)

(See also OCEANOGRAPHY)

HonCC's FIRE program students receiving their Firefighter 1 and 2 Certificates of Completion



**ADMINISTRATION,
FACULTY & STAFF**

UH LEADERSHIP

EXCELLENCE IN TEACHING AWARD RECIPIENTS

FACULTY & STAFF

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OFF-CAMPUS MAP

CAMPUS MAP

UNIVERSITY OF HAWAII LEADERSHIP

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Pacific Center for Advanced Technology
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Communication and Services



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Dean of
Student Services



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Transportation and Trades

EXCELLENCE IN TEACHING AWARD RECIPIENTS

Each year a Regents Medal for Excellence in Teaching is awarded by the University of Hawai'i Board of Regents to a faculty member on each campus in the University of Hawai'i system. As selected by a committee consisting of former awardees and student representatives, Honolulu Community College pays tribute to a person who exhibits teaching effectiveness, an extraordinary level of subject mastery, scholarship, creativity and personal values that benefit students and represent the high level of instruction that takes place at Honolulu Community College.



Karadeen Kam-Kalani

Speech, 2023

- 2023 **Karadeen Kam-Kalani**, Speech
- 2022 **Gabriel Peckham**, Anatomy & Physiology
- 2021 **Karen Kamahale**, Fashion Technology
- 2020 **David Panisnick**, Religion
- 2019 **Mark Sung Alapaki Luke**, Hawaiian Programs
- 2018 **Emily Ann Kukulies**, Student Activities
- 2017 **Derek Otsuji**, English
- 2016 **Dean Crowell**, Carpentry
- 2015 **Norman Takeya**, Construction Management
- 2014 **Sandra Sanpei**, Communication Arts
- 2013 **Patrick Patterson**, History
- 2012 **Jennifer Higa-King**, Psychology
- 2011 **Joy Nagaue**, Fashion Technology
- 2010 **Jess Aki**, Cosmetology
- 2009 **Diane Caulfield**, Cooperative Education, Human Services
- 2008 **Sheila Yoder**, Mathematics
- 2007 **Femar Lee**, College Skills Center

- 2006 **Danny Aiу**, Sheet Metal & Plastics Technology
- 2005 **Paul Onomura**, Diesel Mechanics
- 2004 **Lena Low**, Economics
- 2003 **Kakkala Gopalakrishnan**, Oceanography
- 2002 **Aaron Tanaka**, Computing, Security, & Networking Technology
- 2001 **Bob Vericker**, Administration of Justice
- 2000 **Rick Ziegler**, Humanities
- 1999 **Clifford Yamashiro**, Automotive Mechanics Technology
- 1998 **Craig Ohta**, Automotive Mechanics Technology
- 1997 **Muriel Fujii**, English
- 1996 **Tom Mikulski**, Electrical Installation & Maintenance Technology
- 1995 **Kathy Kamakaiwi**, Cosmetology
- 1994 **Cynthia Smith**, History
- 1993 **Barbara Petersen**, History
- 1992 **Frank Mauz**, Mathematics
- 1991 **James Niino**, Counseling
- 1990 **Ron Pine**, Philosophy
- 1989 **Sam Uchida**, Autobody, Repair & Painting Technology
- 1988 **David Cleveland**, Sociology
- 1987 **Beng Poh Yoshikawa**, The Learning Center
- 1986 **Harvey Chun**, Carpentry
- 1985 **Theo Hufen**, Chemistry
- 1984 **Lorraine Okami**, Cosmetology
- 1983 **Sonia Chess**, English
- 1982 **Sandra Hirose**, English
- 1981 **Herbert Foo**, Commercial Baking
- 1980 **Doric Little**, Speech
- 1979 **Shizuo Yoshimoto**, Welding Technology
- 1978 **Gloria Hooper**, English
- 1977 **Terry Haney**, Humanities
- 1976 **Frederick Shine**, Sheet Metal & Plastics Technology
- 1975 **Bob Eddinger**, Biology
- 1974 **Louis Willand**, English
- 1973 **Rose Ho**, Fashion Arts
- 1972 **James Yoshino**, Autobody, Repair & Painting Technology

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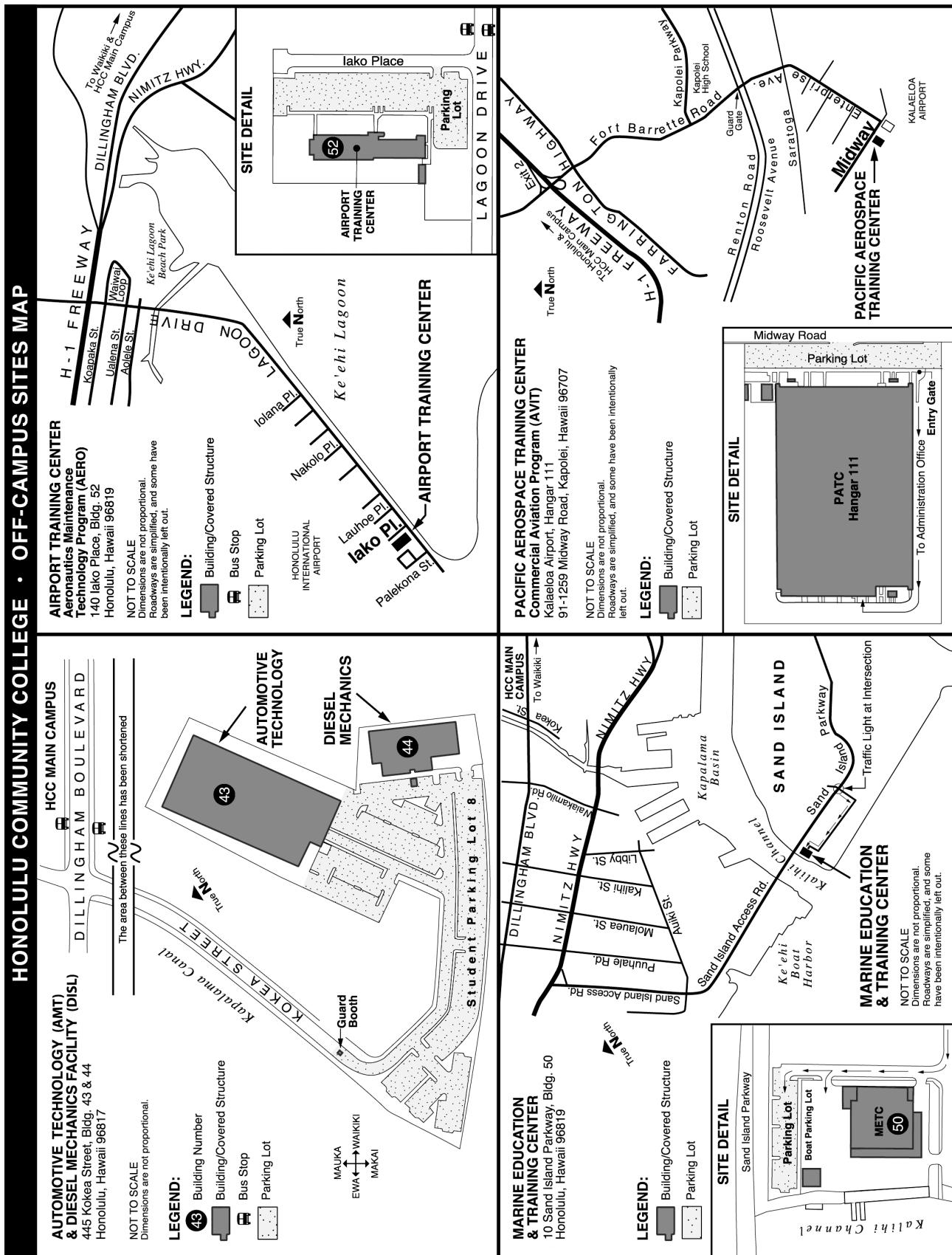
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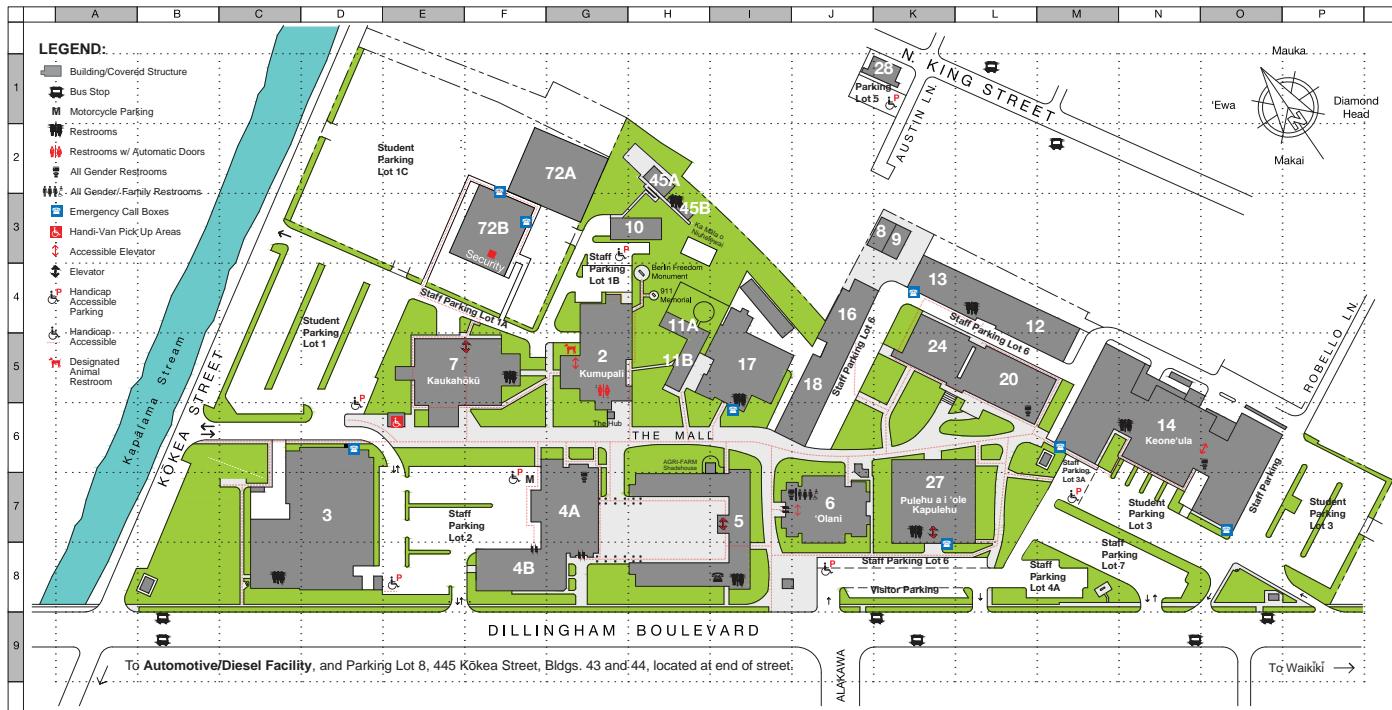
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HONOLULU COMMUNITY COLLEGE · MAIN CAMPUS MAP

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MAIN CAMPUS MAP DIRECTORY ALPHA ORDER

- | | | | |
|---|--|--|--|
| Academic Counseling BLDG 5 [H8] | Cooperative Education BLDG 2 [G5] | Information Technology Services (ITS)
BLDG 2 [G5] | Refrigeration & Air Conditioning
Technology (RAC) BLDG 14 [N6] |
| Administration BLDG 6 [J7] | Cosmetology (COSM) BLDG 27 [K7] | Kōkēa Training Center BLDG 45A/B [H2] | Security Office BLDG 72B [F3]
PH- (808) 284-1270 |
| Administration of Justice (AJ) BLDG 2 [G5] | Design Center BLDG 16 [J4] | Language Arts BLDG 7 [F5] | Sheetmetal & Plastics Technology (SMP)
BLDG 17 [I5] |
| Admission & Records BLDG 6 [J7] | Disability Services (Student ACCESS)
BLDG 7 [F5] | Liberal Arts (4th,5th,6th floors)
BLDG 7 [F5] | Social Sciences BLDG 7 [F3] |
| Apprenticeship BLDG 4B [F8] | Early Childhood Education (ECED)
BLDG 2 [G5], BLDG 11A/B [H5] | Library BLDG 7 [F5] | STEM Center BLDG 5 [I8] |
| Architecture, Engineering & Construction
Technologies (AEC) BLDG 2 [G5] | Educational Technology Center BLDG 7 [F5] | Math BLDG 7 [F5] | Student Access BLDG 7 [F5] |
| Art, Communication Arts (CA) BLDG 2 [G5] | Electrical Installation & Maintenance
Technology (EIMT) BLDG 20 [K5] | Math Lab BLDG 7 [F5] | Student Government BLDG 2 [G5] |
| Autobody Repair & Painting (ABRP)
BLDG 3 [D7] | Emeritus College BLDG 2 [G5] | Music Entertainment & Learning Experience
(MELE) BLDG 2 [G5] | Student Life & Development BLDG 2 [G5] |
| Bookstore BLDG 2 [G5] | English as Second Language (ESL)
BLDG 7 [F5] | Nā Papa Hawai'i BLDG 7 [F5] | Student Lounge BLDG 2 [G5] |
| Business Office/Cashier BLDG 6 [J7] | Fashion Technology (FT) BLDG 27 [K7] | Natural Sciences BLDG 5 [H8] | Student Success Center BLDG 7 [F5] |
| Cafeteria BLDG 4A [G7] | Financial Aid BLDG 5 [H8] | Norman Loui Conference Center BLDG 2 [G5] | Student Media Board BLDG 2 [G5] |
| C.A.R.E. – College Achievement &
Retention Experience BLDG 7 [F5] | Fire & Environmental Emergency
Response (FIRE) BLDG 20 [L5] | Occupational & Environmental Safety
and Management (OESM) BLDG 20 [L5] | Testing Center BLDG 7 [F5] |
| Career Services / Student Employment
BLDG 7 [F5] | Hawaiian Center BLDG 5 [H8] | Operations & Maintenance BLDG 18 [J5] | Trade/Apprenticeship Complex BLDG 14 [N6] |
| Carpentry Technology (CARP) BLDG 14 [N6] | HITS & Video Conference Center
BLDG 7 [F5] | Outreach BLDG 6 [J7] | TRIO-SSS- Student Support Services
BLDG 7 [F5] |
| Child Care Center BLDG 11A/B [H5] | Humanities BLDG 7 [F5] | PCATT Professional Exam Center
BLDG 7 [F5] | Tutoring Center BLDG 7 [F5] |
| Computer Lab BLDG 2 [G5] | Human Resources BLDG 6 [J7] | Pacific Center for Advanced Technology
Training (PCATT) BLDG 2 [G5] | Veterans Resource Center BLDG 5 [H7] |
| Computing, Security & Networking
Technologies (CSNT) BLDG 13 [K4] | Human Services (HS) BLDG 2 [G5] | Po'i Nā Nalu BLDG 5 [H8] | Welding Technology (WELD) BLDG 14 [N6] |
| Construction Academy BLDG 28 [K1] | Information & Computer Science (ICS)
BLDG 2 [G5] | Recharge Station (Student Lounge)
BLDG 7 [F5] | Wellness Center BLDG 6 [J7] |
| Continuing Education BLDG 2 [G5] | | | Writing Center BLDG 7 [F5] |

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