

MERRITT COLLEGE  
CATALOG  
SUPPLEMENT  
2011–2013

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# MERRITT COLLEGE CATALOG SUPPLEMENT 2011-13

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## **CATALOG SUPPLEMENT 2011-2013**

The Merritt College Catalog Supplement for 2011-2013 is a summary of additions, deactivations, and changes that have been made in curriculum and policies affecting students since the publication of the 2011-13 Catalog. Changes to curriculum are made on an ongoing basis throughout the academic year and are usually effective for a subsequent term.

### **ACCURACY STATEMENT**

Merritt College endeavors to present its programs and policies to the public accurately and fairly. Those responsible for the preparation of the Catalog, the Catalog Supplement, and Schedules of Classes, and all other public announcements make every effort to ensure that the information presented is correct and up-to-date. However, the College reserves the right to add, amend, or repeal the curriculum and any rules, regulations, policies and procedures. The College assumes no responsibility for program changes or publication errors beyond its control.

## COURSE ADDITIONS

ADJUS 26	<p><b>Adjus 26, Introduction to Forensic Investigation</b>  3 Units, 3 Hours Lecture (GR)  History and philosophy of forensic investigation from the perspective of the investigator: Identification of various techniques and their applications, role expectations and the interrelationships with other scientific and non-scientific disciplines as they relate to the judicial system.  2203.00</p>
AFRAM 3	<p><b>Afram 3, Ghana: Pan African Thought and the Struggle for Africa's Liberations</b>  3 Units, 3 Hours Lecture (GR)  Study of Pan African thought and world-wide African unity: Pan African ideas and movements with a Focus on Kwame Nkrumah and Ghana's independence; Particular attention on the history, culture, and current conditions of the people of Ghana.  2203.00</p>
AFRAM 4	<p><b>Afram 4, The Black Panther Party: Strategies on Organizing the People</b>  3 Units, 3 Hours Lecture (GR)  In-depth examination of the Black Panther Party: Origins, philosophy, leaders, organizing strategies, community programs, FBI surveillance, and long term impact.  2203.00</p>
AFRAM 18	<p><b>Afram 18, African Heritage of Latin America</b>  3 Units, 3 Hours Lecture (GR)  Survey of the influence of African people throughout Latin America: Culture; music, language, religion and dance; examination of slavery, colonialism, resistance and independence movements in the region.  2203.00</p>
BIOL 061F	<p><b>Biol 61F, Natural History: Freshwater Fishes of the Greater Bay Area</b>  2 Units, 2 Hours Lecture (GR/PNP)  Freshwater fishes of the Greater Bay Area: Common, introduced, rare and endangered species, and commercial value and conservation. 0408.00</p>
BIOL 62J	<p><b>Biol 62J, Natural History of Mt. Whitney and the Southern High Sierra</b>  5 – 2.5 Units, .5 – 2.5 Hourse Lecture  Introduction to the natural history of the highest peak in the contiguous 48 states and the adjacent Sierra crest: Climate, geology, geologic history, geomorphology, plant communities, ecology, characteristic animals and conservation issues of the region. Emphasis on glacial landscape features and conservation efforts for the Sierra Nevada Bighorn Sheep, a state and federal endangered species. 0408.00</p>
BIOL 064E	<p><b>Biol 64E, Natural History of Ano Nuevo State Park</b>  0.5 Units, .5 Hours Lecture (GR/PNP)  Ano Nuevo State Park: Geologic history, flora and fauna with special emphasis on elephant seals.  0408.00</p>

BIOL 064F	<b>Biol, 64F, Natural History of Black Diamond Mines</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of the flora and common fauna of Black Diamond Mines: History of the mines, geology, and ecosystems. 0408.00
BIOL 064G	<b>Biol 64G, Natural History: Parklands of the Solano Land Trust</b> 1 Units, 1 Hour Lecture (GR/PNP) Flora, fauna and ecology of the parks of Sunol Land Trust: King Ranch, Swett Ranch and Lynch Canyon. 0408.00
BIOL 064H	<b>Biol 064H, Natural History of Don Edwards San Francisco Bay National Wildlife Refuge</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Salt water marshlands of the Don Edwards San Francisco Bay National Wildlife Refuge: Ecology, flora and fauna as well as conservation efforts. 0408.00
BIOL 064I	<b>Biol 064I, Natural History of Point Reyes National Seashore</b> 1 Units, 1 Hour Lecture (GR/PNP) Survey of the flora, fauna, geology and ecosystems of Point Reyes National Seashore. 0408.00
BIOL 064J	<b>Biol 064J, Natural History of the Jepson Prairie</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of the ecosystem of the Jepson Prairie: Emphasis on vernal pool flora and fauna. 0408.00
BIOL 064K	<b>Biol 064K, Natural History of the McLaughlin Reserve</b> 1 Units, 1 Hour Lecture (GR/PNP) Study of the flora, fauna, and ecology of the McLaughlin Reserve. 0408.00
BIOL 064L	<b>Biol 064L, Natural History of Antioch Dunes</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Ecosystem of the Antioch Dunes National Wildlife Refuge: Flora, fauna, ecology, history and conservation. 0408.00
BIOL 064M	<b>Biol 064M, Natural History of the Mt. Hamilton Reserve</b> 1 Units, 1 Hour Lecture (GR/PNP) Survey of the flora, fauna, and ecology of the Mt. Hamilton Reserve. 0408.00
BIOL 064N	<b>Biol 064N, Natural History of Morgan Territory</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Ecosystems of the Morgan Territory Regional Park: Flora, fauna and ecology. 0408.00
BIOL 064O	<b>Biol 064O, Natural History of Grizzly Island</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Ecosystem of the Grizzly Island Regional Park: Flora, fauna and ecology. 0408.00
BIOL 064P	<b>Biol 064P, Natural History of Salt Point State Park</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of the Natural History of Salt Point State Park: Flora, fauna, geology with special emphasis on the pygmy pine barrens. 0408.00
BIOL 064Q	<b>Biol 064Q, Natural History of Coyote Hills Regional Park</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of the flora, fauna, geology and ecosystems of Coyote Hills Regional Park. 0408.00



BIOL 064R	<b>Biol 064R, Natural History of Mt. Tamalpais State Park</b> 1 Units, 1 Hour Lecture (GR/PNP) Survey of Mt. Tamalpais State Park: Flora, fauna, geology and ecosystems. 0408.00
BIOL 064S	<b>Biol 064S, Natural History of Mt. St. Helena</b> 1 Unit, 1 Hour Lecture (GR/PNP) Survey of Mt. St. Helena: Geology, flora, fauna and ecosystems. 0408.00
BIOL 064T	<b>Biol 064T, Natural History of San Bruno Mountain State Park</b> 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of San Bruno Mountain State Park: Flora and fauna with emphasis on endemic flora. 0408.00
BIOL 70D	<b>Biol 70D, Natural History of the Owyhee River and the High Desert of Eastern Oregon</b> 1 Units, 1 Hour Lecture (GR/PNP) Also offered as ENVST 70D. Not open for credit to students who have completed or are currently enrolled. 0408.00
BUS 76	<b>Bus 76, E-Commerce/Entrepreneurship</b> 3 Units, 3 Hours Lecture (GR) Introduction to principles of international e-commerce and entrepreneurship: Emphasis on developing a business plan for conducting online commerce; market analysis; product access; payment methods; promotion; and back-end technology requirements for creating an e-commerce site. 0509.70
BUS 80	<b>Bus 80, Financial Literacy</b> 2 Units, 2 Hours Financial issues and challenges for college students: basics of financial literacy, bad debt, spending plans, non-traditional financial services, consumer economics, buying and selling stocks, mutual fund options, investing in education, planning for the future, purchasing a first home, taxes and tax planning, insurance, estate and retirement planning, and keeping money in perspective. 0501.00
CIS 73	<b>Cis 3, Networking Concepts</b> 4 Units, 3 Hours Lecture, 3 Hours Lab (GR/PNP) <i>Prerequisite: CIS 001 or CIS 005</i> Networking concepts: Network architecture, hardware, software, concepts, protocols and standards. 0708.10
ESL 283A	<b>Esl 283A, High Beginning Listening and Speaking</b> 4 Units, 4 hours Lecture (GR/PNP) High beginning level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills. 4930.85
ESL 283B	<b>Esl 283B, High Beginning Listening and Speaking</b> 4 Units, 4 Hours Lecture (GR/PNP) <i>Prerequisites: ESL 283A or placement through multiple-measures assessment process</i> Continuation of high beginning level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills. 4930.85
ESL 284A	<b>Esl 284A, High Beginning Grammar</b> 4 Units, 4 Hours Lecture (GR/PNP) High beginning level of English grammar: Basic grammar structures, sentence patterns and parts of speech. 4930.87

ESL 284B	<p><b>EsI 284B, High Beginning Grammar</b>  4 Units, 4 Hours Lecture (GR/PNP)  <i>Prerequisites: ESL 284A or placement through multiple-measures assessment process</i>  Continuation of high beginning level of English grammar: Basic grammar structures, sentence patterns, and parts of speech. 4930.87</p>
ENVST 70D	<p><b>Envst 70D, Natural History of the Owyhee River and the High Desert of Eastern Oregon</b>  1 Units, 17.5 hours Lecture  Desert and river ecology of East-Central Oregon: Geography, geology, geologic history, landscapes, flora and fauna and their interactions, and river dynamics. 0302.00</p>
ENVMT 43	<p><b>Envst 43, Introduction to Urban Forest Products and Policy</b>  3 Units, 2.5 Hours Lecture, 1.5 Hours Lab (GR/PNP)  Introduction to the history, policy and practice of planning, caring for and using the Urban Forest: Tree choices, aesthetics, risk and wildfire, ecosystem, social and economic benefits, basic planting, pruning, wood product milling and sales. 0302.00</p>
ENVMT 44	<p><b>Envmt 44, Introduction to Creek and Watershed Restoration: General Aspects</b>  3 Units, 3 Hours Lecture, (GR/PNP)  Principles and practices in the restoration and monitoring of creeks and watersheds: Overview of global water cycle and atmospheric circulation; basic hydrological principles and processes including erosion, flooding, and deposition of sediment. 0303.00</p>
LRNRE 30	<p><b>Lrnre 30, Introduction to Tutoring</b>  1 Unit, 1 Hour Lecture, (GR/PNP)  Introduction to methods of effective tutoring: Responsibilities, questioning and modeling techniques, learning style and strategies study skills and strategies, leading small group sessions, cultural awareness, and tutoring in specific subject areas. 0802.00</p>
LRNRE 31	<p><b>Lrnre 31, Advanced Tutor Training</b>  1 Unit, 1 Hour Lecture, (GR/PNP)  Methods of effective tutoring: Questioning and modeling techniques, learning styles and strategies, study skills and strategies, leading small group sessions, cultural awareness, tutoring in specific subject areas and problem solving. 0802.00</p>
PE 203	<p><b>PE 203, Fitness for Personal Trainers</b>  3 Units, 1 Hours Lecture, 6 Hours Lab  For personal trainers conditioning through the use exercises and apparatus: Emphasis on overall improvement of the cardiovascular system. In addition curriculum will focus on strength, flexibility, nutrition programs, knowledge of exercise science and body composition assessment. Trainers will be ready to apply knowledge to provide fitness recommendations for their clients. 0835.00</p>
PSYCH 48NF	<p><b>Psych 48NF, Latino Psychology</b>  3 Units, 3 Hours Lecture (GR/PNP)  Introduction to the psychology of Latinos/as in the United States: Study of biological, psychological, sociological, environmental, and cultural factors that impact and shape the behavior of Latino/a groups living in the U.S. 2001.00</p>

**COURSE CHANGES**

ADJUS 57	Report Writing for Public Safety Personnel 2 hours lecture	Report Writing for Public Safety Personnel 3 hours lecture
AFRAM 2	Minority Economic Survival Concentration on those areas of the American economy that effect minorities the most: Buying and selling market, taxation, investments, minority employment, banking, and income distribution and poverty.	Black Economics Concentration on those areas of the U.S. economy that affect African Americans the most: Economic contributions of slave labor; the connection between race, gender and wages, Black entrepreneurs, philosophies of economic empowerment, globalization, and a critical examination of capitalism and socialism from an African centered perspective.
AFRAM 16	Administration of Criminal Justice and Minority Communities: The Prison Industrial Complex: African American Incarceration Overview of the criminal justice system <i>and the growth of the prison industrial complex</i> in the United States as it affects : Arrest, trial, sentencing, and treatment processes.	The Prison Industrial Complex: African American Incarceration Overview of the criminal justice system and the growth of the prison industrial complex in the United States as it affects the African American community including: Arrest, trial, sentencing , incarceration and private industry profits. 2203.01
BIOSC 32	Good Laboratory Practices in Genomics Prerequisite: Biosc 030: Genomics Theory Corequisite: None	Good Laboratory Practices in Genomics Prerequisite: Biosc 030: Genomics Theory Corequisite: Biosc 30
BIOSC 33	Research Design in Genomics Prerequisite: None	Research Design in Genomics Prerequisite: Biosc 30
BIOSC 41	Microfluidic Electrophoresis Recommended Preparation: None	Microfluidic Electrophoresis Recommended Preparation: Biosc 31
BIOSC 90	Internship in Genomics 1 Unit, .5 Hours lecture, 1.5 Hours Lab	Internship in Genomics 3 Units, 1 Hour Lecture, 6 Hours Lab Prerequisites: BIOSC 30, BIOSC 31, BIOSC 32
SOC 1	Introduction to Sociology Recommended Preparation: Non Introduction to sociology: Analysis of human group life through principles, concepts, and theories. 2208.00	Introduction to Sociology Recommended Preparation: ENGL 1A Meets AA degree and Transfer requirements Basic concepts, theoretical approaches, and methods of sociology: Analysis and explanation of social structure, group dynamics, socialization and the self, social stratification, culture and diversity, social change and global dynamics. 2208.00

**Distance Education Addendums**

NURS 13, Pharmacology in Nursing	Distance Education Options added: Distance Ed-Instructor-Student Contact Announcements/Bulletin Boards - - Chat Rooms - once a week Discussion Boards - Ongoing Email Communication - - Resource Links - - Scheduled Face-to-Face Meetings - Once a week Other (explain) - In class session once a week
NURS 14, Nutrition and Diet Therapy in Nursing	Distance Education Options added: Distance Ed-Instructor-Student Contact Announcements/Bulletin Boards - - Discussion Boards - once a week Email Communication - - Resource Links - - Scheduled Face-to-Face Meetings - Once a week

## Course Deactivations

AFRAM 028, Survey of Third World through Film
CHDEV 084, Young Children with Special Needs: Strategies for Intervention
CHDEV 085, Managing Challenging Behaviors in ECE Settings
CHDEV 086, Career Education in Early Intervention
CHDEV 087, Occupational Work Experience in Early Intervention
CHEM 348NA, Chemistry Success Skills
ENGL 38, Lift Every Voice: Race, Class, and Gender in the United States
ENGL 43, Introduction to the Study of Poetry
ENGL 243, Introduction to the Study of Poetry
ENGL 010A, Creative Writing
ENGL 010B, Creative Writing
ENGL 017A, Shakespeare
ENGL 032A, Contemporary Women Writers
ENGL 032B, Contemporary Women Writers
ENGL 048NM-, Introduction to Short-Story Writing I & II
ENGL 206A, English Grammar
ENGL 206B, English Grammar
ENGL 210A, Creative Writing
ENGL 210B, Creative Writing
ENGL 232A, Contemporary Women Writers
ENGL 232B, Contemporary Women Writers
ENGL 248NE, Writing for the Workplace
ENGL 258A, Writing Workshop
ENGL 258B, Writing Workshop
ENGL 258C, Writing Workshop
ENGL 258D, Writing Workshop
ESL 200A, Speaking 3
ESL 200B, Speaking 4
ESL 201A, Writing 3
ESL 201B, Writing 4
ESL 202A, Grammar 3
ESL 202C, Grammar 5
ESL 203A, Reading 3
ESL 203B, Reading 4
ESL 205A, Vocabulary and Idioms in Context 3
ESL 208A, Conversation 3
ESL 250A, Speaking 1
ESL 253B, Reading 2
ESL 256, Spelling and Phonetics of American English 2
ESL 257A, Pronunciation 3
GEOG 039D, Geographic Information Systems Reader Software
SPAN 030B, Beginning Conversational Spanish
SPAN 031A, Intermediate Conversational Spanish
SPAN 031B, Intermediate Conversational Spanish
SPAN 38, Latin-American Literature
SPAN 40, Hispanic Civilization and Culture
SPAN 348NC, Basic Spanish Grammar for Spanish Speakers

## Program Additions

### Certificate of Achievement: Medical Genomics

The Certificate in Medical Genomics offers an unique opportunity to study DNA, from a medical perspective. SNP detection and genetic disease detection will be emphasized, along with bacterial and viral disease identification. Mastery of sample preparation, operation, and analysis of DNA using the most modern sequencers and preparatory instruments will be emphasized.

#### Required Courses

CHEM 030A Introductory General Chemistry  
 CHEM 030B Introductory Organic and Biochemistry  
 BIOL 004 Human Physiology  
 BIOSC 030 Genomics Theory  
 BIOSC 042 Mining GenBank  
 BIOSC 032 Good Laboratory Practices in Genomics  
 BIOSC 031 Practical Genomics  
 BIOSC 037 Principles of Long Polymerase Chain Reaction (PCR)  
 BIOSC 040 DNA Shearing Techniques for Shotgun Sequencing in Genomics  
 BIOSC 041 Microfluidic Electrophoresis  
 BIOSC 060 Personalized (Desk-top) Sequencing  
 BIOSC 033 Research Design in Genomics  
 BIOSC 050 Genetic Diseases  
 BIOSC 051 Medical Genomics  
 BIOSC 090 Internship in Genomics  
 BIOSC 061 Sequence Analysis Using MacVector  
 or  
 BIOSC 062 Methodologies in Phylogenetics Using PAUP  
 or  
 BIOSC 63 Introduction to Character Tracing Using MacClade  
 1

**Total Units**

**45**

### Certificate of Proficiency: Bay Area Master Naturalist

The Master Naturalist Certificate is designed to promote understanding of the myriad of species and unique ecosystems of the Bay Area. With an emphasis on Natural History, this program offers a wide range of courses on select groups of plants and animals as well as ecosystems of the Bay Area Parklands. The program is ideal for anyone interested in natural history and for those seeking careers in field biology, ecology, and science teaching, including park and museum docents.

#### Core Courses Units

BIOL 061F Natural History: Freshwater Fishes of the Greater Bay Area	2
BIOL 061M Natural History: Insects of the Greater Bay Area	1
BIOL 061H Natural History: Butterflies of the Greater Bay Area	1
BIOL 061G Natural History: Mammals of the Greater Bay Area	2

#### Choose 2 units from this group

BIOL 060A Natural History of the Bay Area: The State Parks, Part I	1 - 2
BIOL 060B Natural History of the Bay Area: Mt. Diablo State Park	1 - 2
BIOL 064N Natural History of Morgan Territory	.5
BIOL 064F Natural History of Black Diamond Mines	.5
BIOL 064G Natural History: Parklands of the Solano Land Trust	1
BIOL 064L Natural History of Antioch Dunes	.5
BIOL 064Q Natural History of Coyote Hills Regional Park	.5
BIOL 064C Natural History of Lime Ridge Preserve	.5
BIOL 064D Natural History of Sunol Regional Park	1
BIOL 064O Natural History of Grizzly Island	.5

and

#### Choose 2 units from this group

BIOL 062B Natural History of The Redwood Forest	.5 - 2
BIOL 064P Natural History of Salt Point State Park	.5
BIOL 064H Natural History of Don Edwards San Francisco Bay National Wildlife Refuge	.5
BIOL 064E Natural History of Ano Nuevo State Park	.5
BIOL 064I Natural History of Point Reyes National Seashore	.5
BIOL 064T Natural History of San Bruno Mountain State Park	.5
BIOL 064J Natural History of the Jepson Prairie	.5

#### Choose 1 unit from the following

BIOL 064K Natural History of the McLaughlin Reserve	1
BIOL 064M Natural History of the Mt. Hamilton Reserve	1
BIOL 064S Natural History of Mt. St. Helena	1
BIOL 064R Natural History of Mt. Tamalpais State Park	1

#### Choose 1 unit from the following

BIOL 080C Fundamentals of Ornithology and Birding in Central California/Bay Area	.5 - 7
BIOL 080B Bird Songing: The Ecology of Bird Songs and Identification by Ear	.5 - 2.5

Or

#### Take 1 unit from the following

BIOL 060C Natural History of the Bay Area: Herpetology	1 - 4
BIOL 060D Natural History of the Bay Area: Fall Herpetology	1 - 2

Or

BIOL 064N Natural History of Morgan Territory	.5
BIOL 064F Natural History of Black Diamond Mines	.5
BIOL 064G Natural History: Parklands of the Solano Land Trust	1
BIOL 064L Natural History of Antioch Dunes	.5
BIOL 064Q Natural History of Coyote Hills Regional Park	.5
BIOL 064C Natural History of Lime Ridge Preserve	.5
BIOL 064D Natural History of Sunol Regional Park	1
BIOL 064O Natural History of Grizzly Island	.5
and	
Choose 2 units from this group	
BIOL 062B Natural History of The Redwood Forest	.5 - 2
BIOL 064P Natural History of Salt Point State Park	.5
BIOL 064H Natural History of Don Edwards San Francisco Bay National Wildlife Refuge	.5
BIOL 064E Natural History of Ano Nuevo State Park	.5
BIOL 064I Natural History of Point Reyes National Seashore	
BIOL 064T Natural History of San Bruno Mountain State Park	.5
BIOL 064J Natural History of the Jepson Prairie	.5
Choose 1 unit from the following	
BIOL 064K Natural History of the McLaughlin Reserve	1
BIOL 064M Natural History of the Mt. Hamilton Reserve	1
BIOL 064S Natural History of Mt. St. Helena	1
BIOL 064R Natural History of Mt. Tamalpais State Park	1
Choose 1 unit from the following	
BIOL 080C Fundamentals of Ornithology and Birding in Central California/Bay Area	.5 - 7
BIOL 080B Bird Singing: The Ecology of Bird Songs and Identification by Ear	.5 - 2.5
Or	
Take 1 unit from the following	
BIOL 060C Natural History of the Bay Area: Herpetology	1 - 4
BIOL 060D Natural History of the Bay Area: Fall Herpetology	1 - 2
Or	
Take 3 units from the following	
LANHT 005A Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3
LANHT 050L Plant Taxonomy Lab 1	
LANHT 005EB Plant Materials: Spring Native Plant ID and Culture (Evening)	3
LANHT 050 Plant Taxonomy	3
Choose .5 units from the following	
BIOL 061E Natural History of the Tide Pools of the Greater Bay Area	.5
BIOL 061R Nudibranchs of the Greater Bay Area	.5
Choose .5 from the following	
BIOL 061L Natural History: Bryophytes of the Greater Bay Area	.5
BIOL 061K Natural History: Lichens of the Greater Bay Area	.5
BIOL 061J Ferns of the Greater Bay Area	.5
<b>Total Units</b>	<b>17</b>



### Certificate of Proficiency: Entrepreneurship

The Entrepreneurship Certificate of Proficiency Program is designed to develop, prepare, and produce entrepreneurs to start and grow successful businesses and fuel economic growth by providing instruction in entrepreneurial culture, strategy, operations, financial management, social marketing and leadership. Coursework includes developing a student's ability to make informed decisions as future business owners, entrepreneurial concepts learned in innovation and creativity, business funding, computers and marketing. Through these skills, students will have a sound education base in entrepreneurship for lifelong learning.

BUS 10 Introduction to Business	3
BUS 54 Small Business Management	3
CIS 1 Introduction to CIS	4
BUS 76 E-Commerce/Entrepreneurship	3
BUS 1A Financial Accounting	4
OR	
BUS 20 General Accounting	3
OR	
BUS 80 Financial Literacy	2
<b>Total Units</b>	<b>15-17</b>

### **Associate Degree for Transfer- Administration of Justice AA-T Degree**

This curriculum is designed to prepare students for employment in entry-level and advanced positions in the public and private sectors. The program prepares students for positions such as police officer, deputy sheriff, state or federal patrol and investigative officer, correctional aide, security specialist, community service officer, police cadet, and reserve officer, as well as manager and supervisor in these individual fields. Placement may depend on job availability and the successful completion of an entrance examination.

#### **Career Opportunities in**

The program prepares students for positions such as police officer, deputy sheriff, state or federal patrol and investigative officer, correctional aide, security specialist, community service officer, police cadet, and reserve officer, as well as manager and supervisor in these individual fields. Placement may depend on job availability and the successful completion of an entrance examination.

#### **Degree Major Requirements**

##### **Core (6 units) Units**

ADJUS 021 Introduction to Administration of Justice 3

ADJUS 022 Concepts of Criminal Law 3

**and**

##### **List A: Select a minimum of 6 units from the following courses: Units**

ADJUS 024 Legal Aspects of Evidence 3

ADJUS 056 Criminal Investigation 3

ADJUS 026 Introduction to Forensic Investigation 3

ADJUS 025 Community Relations 3

ADJUS 063 Introduction to Corrections 3

ADJUS 051 Juvenile Law and Procedures 3

##### **List B: Two Courses (min. 6 units) Units**

SOC 001 Introduction to Sociology 3

MATH 013 Introduction to Statistics 4

PSYCH 001A Introduction to General Psychology 3

**Total Units** **18 - 19**

### Associate Degree for Transfer- Business Administration AS-T Degree

The Associate in Science Degree in Business Administration for Transfer is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Business Administration or similar major for completion of a baccalaureate degree. Students are required to complete: (1) a minimum of 27 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. (2) 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (3) No more than 60 semester units are required. The Associate in Science Degree in Business Administration for Transfer will also assist Business Administration major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

<b>Required Courses</b>	<b>Units</b>
BUS 001A Financial Accounting	4
BUS 001B Managerial Accounting	4
BUS 002 Introduction to Business Law	3
ECON 001 Principles of Economics (Macro-Economics)	3
CIS 001 Introduction to Computer Information Systems	4
ECON 002 Principles of Economics (Micro-Economics)	3
MATH 013 Introduction to Statistics	4
MATH 016A Calculus for Business and Life/Social Sciences	3
<b>Total Units</b>	<b>28</b>
IGETC or CSU GE-Breadth Education pattern and elective courses	33
<b>Total Units</b>	<b>60</b>

### Associate Degree for Transfer- Communication AA-T Degree

Communication skills are essential to forming and maintaining personal relationships, acquiring and excelling in a job, and relating to the world around us. Through the study and practice of interpersonal, professional, and intercultural communication skills, students will learn how their perceptions and self-esteem affect their interactions with others. Beyond this, students will improve their abilities to speak, write, and present information effectively, whether in face-to-face interactions or in public or mass-media settings. The Communication program prepares students to transfer to a four-year college or university to obtain a degree in Communication or a related Social Science field. The courses in the program also improve job attainment and performance skills, providing students with the training necessary for public speaking, customer service, conflict resolution, and interviewing. Students who complete the AA degree requirements in Communication will learn and practice cultural awareness, situation analyses, and goal-oriented solutions to practical problems, giving them valuable assets in their future relationships and workplaces. Lastly, this course of study improves students' logic and reasoning skills, thus providing the foundation for understanding math and science, the world around them, and the skills and insights necessary to think through ethical issues and achieve their goals. The AA degree in Communication will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements Career Opportunities in Customer Service Representative Salesperson Nonprofit Organizer Consultant Focus Group Facilitator Interviewer Human Resource Representative.

#### List A

##### Required 3 Courses (9 units) Units

COMM 045 Public Speaking	3
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and

COMM 004 The Dynamics of Group Discussion	3
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and

COMM 020 Interpersonal Communication Skills	3
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#### List B

##### Any 2 Courses (6 units) Units

COMM 006 Intercultural Communication	3
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COMM 019 Survey of Mass Media	3
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COMM 3 Introduction to Human Communication	3
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#### List C

##### Any 1 Course (3 units) Units

COMM 013 Ethnic Perceptions in the Mass Media	3
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or

COMM 018 Aging and Communication	3
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or

ANTHR 003 Introduction to Social and Cultural Anthropology	3
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or

PSYCH 001A Introduction to General Psychology	3
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or

SOC 001 Introduction to Sociology	3
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or

COMM 010 Gender and Communication	3
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or

ENGL 001B Composition and Reading	4
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or

ENGL 005 Critical Thinking in Reading and Writing	3
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**Total Units**

**18 – 19**

## **Associate in Science: Greening the Urban Environment: Design, Planning, Environmental Justice**

The Greening the Urban Environment degree emphasizes energy efficiency and ecological sustainability in the built environment offers students an introduction to the technical, ecological, social, and planning fundamentals of sustainable construction projects, preparation for specialized coursework, and minimum qualifications for entry-level employment in public and private green enterprises. The degree prepares students for specialized training in this field and career opportunities in energy management, "green" building design and construction, and sustainable public planning and policy development. Students can transfer to a four-year institution, or look for work in government agencies, consulting firms, construction, public works. Students will have the opportunity to link this major cooperatively with Laney College's Architectural Technology and Energy Efficiency programs.

<b>Dept No Title</b>	<b>Units</b>
<b>Required Courses</b>	
ENVMT 001 Environmental Careers	1
ENVMT 002 Introduction to Sustainable Environmental Systems	3
ENVMT 011 Sustainable Urban and Regional Planning	3
ENVMT 016 Introduction to Healthy Community Systems	3
ENVMT 018 Environmental Writing	2.5
ENVMT 020 Introduction to Green Building and Ecological Design	3
ENVMT 021 Sustainable Energy Options	3
ENVMT 040 From Tree to Sea: A Bay Area Environmental Cross Section	3
ENVMT 020L Introduction to Green Building and Energy Options Lab	1
<b>Select a minimum of 6.5 units</b>	
ENVMT 024 Energy Conservation and Auditing	2
A/ET test1 Sample Training Course	3
LANHT 036A Natural Building	3
LANHT 036B Natural Building	3
LANHT 036C Natural Building	3
ENVMT 012 Environmental Racism and Justice	3
ENVMT 019 Civilization's Impact on the Environment: Psychology of Trashing the Earth	3
ENVMT 210A/B Environmental Photography and Photo Monitoring I, II	1.5
GEOG 001 Physical Geography	3
<b>Total Units</b>	<b>29</b>

## Associate in Science: Ecological Restoration, Ranger, Naturalist and Outdoor Education

The Ecological Restoration, Ranger Naturalist and Outdoor Education certificate is designed to prepare students for specialized coursework and establish minimum qualifications for entry-level employment in related public and private agencies including the fields of environmental assessment, monitoring, natural resource management, restoration and environmental education, nature and cultural interpretation in nature centers, schools and camps, park management and ecotourism.

Required Courses	Units
ENVMT 001 Environmental Careers	1
ENVMT 002 Introduction to Sustainable Environmental Systems	3
ENVMT 002L Principles of Ecology and Sustainable Systems Lab	1
ENVMT 011 Sustainable Urban and Regional Planning	3
ENVMT 008 Introduction to Outdoor Education	3
ENVMT 018 Environmental Writing	2.5
ENVMT 040 From Tree to Sea: A Bay Area Environmental Cross Section	3
<i>ENVMT 043 Urban Forest Products and Policies</i>	3
<i>ENVMT 044 Introduction to Creek and Watershed Restoration: General Aspects</i>	3
<b>and</b>	
GEOG 001 Physical Geography	3
<b>or</b>	
GEOL 012 Environmental Geology	3
<b>Select a minimum of 4.5 units</b>	
ENVMT 009 Early Childhood Environmental Education	3
ENVMT 012 Environmental Racism and Justice	3
ENVMT 019 Civilization's Impact on the Environment: Psychology of Trashing the Earth	3
ENVMT 030 Ecological Restoration: Uplands	2
ENVMT 031 Wetlands Restoration	3
ENVMT 032 Watershed Assessment	.5 - 3
ENVMT 034 From Dams to Greywater: California Water Systems and Alternatives	2
ENVMT 041 Wildlife and Watershed Restoration Gardening	1 - 2
ENVMT 042 Ecology, Culture and Stewardship of California Landscapes	1 - 3
ENVMT 210A/B Environmental Photography and Photo Monitoring I, II	1.5
ENVST 060A Natural History of the Bay Area: The State Parks, Part I	.5 - 7
LANHT 005A Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3
LANHT 005B Plant Materials: Spring Native Plant ID and Culture with Lab (Day)	3
LANHT 038 Native Plant Habitats	2
LANHT 051ABCD Natural Landscape Interpretation	.5
COPED 476F Occ. Work Experience in Environmental Management and Technology	1 - 4
<b>Total Units</b>	<b>30</b>

### Associate in Arts: Social and Behavioral Sciences

The A.A. in Social and Behavioral Sciences provides students with a broad perspective on human behavior. It is designed to stimulate appreciation for, and understanding of, values, ideas, and artifacts of culture and society. Critical thinking skills and self-understanding through these courses provide a framework for lifelong study in a variety of disciplines. Successful completion of the curriculum in Social and Behavioral Sciences offers students a breadth of knowledge that could be focused into single discipline degrees as well as applied to an interdisciplinary degree. The degree is intended for those who are considering transfer but have not decided on a major or for those who are required to complete a degree for job promotion. In all cases, students should consult with a counselor to develop their own program of study.

ADJUS 021 Introduction to Administration of Justice	3
AFRAM 016 The Prison Industrial Complex: African American Incarceration	3
AFRAM 019 Racism in the United States	3
AFRAM 030 African-American History: Africa to 1865	3
AFRAM 031 African-American History: 1865-1945	3
AFRAM 038 Environmental Racism and Justice	3
ANTHR 003 Introduction to Social and Cultural Anthropology	3
ANTHR 005 American Indian History and Culture	3
ASAME 045A Asian-American History to 1945	3
ASAME 045B Asian-American History from 1945 to the Present	3
ASAME 030 Asians and Asian-Americans Through Films	3
ASAME 032 Asian-American Psychology	3
COMM 006 Intercultural Communication	3
COMM 010 Gender and Communication	3
COMM 013 Ethnic Perceptions in the Mass Media	3
ECON 001 Principles of Economics (Macro-Economics)	3
ECON 002 Principles of Economics (Micro-Economics)	3
ENVMT 002 Introduction to Sustainable Environmental Systems	3
GEOG 002 Cultural Geography	3
HIST 007A History of the United States to 1877	3
HIST 007B History of the United States Since 1865	3
HLTED 001 Exploring Health Issues	3
M/LAT 012 United States Relations with Mexico and Latin America	0 - 3
POSCI 001 Government and Politics in the United States	3
POSCI 002 Comparative Government	3
POSCI 05 American Politics and Minority Groups	0 - 3
PSYCH 001A Introduction to General Psychology	3
PSYCH 010 Psychology and Life: Basic Principles	3
PSYCH 012 Human Sexuality	3
SOC 001 Introduction to Sociology	3
SOC 002 Social Problems	3

*For the Associate in Arts Degree in Social and Behavioral Sciences, students must complete 18 units from the list above, the Merritt College General Education pattern, and any needed electives for a total of 60 units. Students must receive a minimum grade of "C" or better in all courses for their major in order to qualify for the degree. As this degree alone may not be complete preparation for transfer, students wishing to transfer to a 4-year institution should meet with a counselor to develop a plan which addresses all transfer requirements.*

**Certificate of Proficiency: Personal Trainer**

A short certificate program to prepare individuals for a career in personal fitness training. Curriculum to develop skills for personal trainers in cardiovascular, strength, flexibility and nutrition programs and knowledge of exercise science and body composition assessment. Trainers will be ready to apply and interpret this experience and knowledge to provide fitness recommendations for their clients.

Certificate of Proficiency	
BIOL 24 Basic Human Anatomy and Physiology	4
NUTR 10 Nutrition	4
PE 39 Weight Training	.5
PE 203 Fitness for Personal Trainers	3
COMM 020 Interpersonal Communication Skills	3
<b>Total Units</b>	<b>14.5</b>



## Program Changes/Modifications

### A.A. Degree AFRICAN AMERICAN STUDIES

The AA degree in African-American Studies will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Degree Major Requirements:

#### Group 1: Family and Society

**Select two courses from the following for a minimum of 6 units:**

**Units**

AFRAM 005 The African American Family in the United States	3
AFRAM 008 African-American Politics	3 - 4
AFRAM 010 Sociology of African-Americans	3
AFRAM 012 Psychology of African-Americans	3
AFRAM 014A Social Psychology of African American Male/Female Relationships	3
AFRAM 014B Social Psychology of African American Male/Female Relationships	3
<i>AFRAM 016 The Prison Industrial Complex: African American Incarceration</i>	3
AFRAM 019 Racism in the United States	3
AFRAM 038 Environmental Racism and Justice	3

#### Group 2: History and Economics

**Select two courses from the following for a minimum of 6 units:**

AFRAM 002 <i>Black Economics</i>	3
<i>AFRAM 004 The Black Panther Party: Strategies on Organizing the People</i>	3
AFRAM 030 African-American History: Africa to 1865	3
AFRAM 031 African-American History: 1865-1945	3
AFRAM 032 African-American History: 1945 to Present	3 - 4

#### Group 3: Africa and the Diaspora

**Select a course for a total of 3 units:**

AFRAM 025 Classical African Civilizations	3
AFRAM 027 Afro-Caribbean History, Politics, and Culture	3
<i>AFRAM 003 Ghana: Pan African Thought and the Struggle for Africa's Liberation</i>	3
<i>AFRAM 018 African Heritage of Latin America</i>	3

#### Group 4: Culture and Creativity

**Select two course from the following for a minimum of 6 units:**

AFRAM 033 The Roots of African-American Culture	3
<i>AFRAM 039 Black World Films</i>	3
AFRAM 041 African-American Writers (Fiction)	3
AFRAM 042 African-American Writers (Non-Fiction)	3
AFRAM 043 African-American Writers (Poetry)	3
AFRAM 045 Religion and the African-American Church in America	3

**Total Units** **21-23**

**ART**  
**(Introductory Description for Catalog)**

The artistic impulse is an intrinsic human necessity for holistic health. The shared creative process of a class in drawing, painting or ceramics fosters, in the warmest, most accessible way, a general communication that spreads out to benefit the entire community.

In addition to generating and nurturing the creative element in human life, the Art Department offers many classes that transfer to the University of California and California State University systems as electives, as well as beginning studio classes that transfer to satisfy Fine Arts and Art History major requirements. Art history classes also satisfy the Humanities General Education requirement.

Focusing on preparation for vocational careers, the Art Department offers three certificate programs: **Botanical Illustration, Art Foundation, and Ceramics**. These certificates have been designed to prepare students for advancement in areas such as fashion, costume design, graphic design, illustration, industrial design, interior design, media arts, animation, video, architecture, arts education, or childhood education. A **Certificate of Proficiency in Botanical Illustration, Art Foundation, or Ceramics** will be awarded upon satisfactory completion of the courses specified below for each area of specialization. **The Certificate of Proficiency is not indicated on the student's transcript.**

## CHILD DEVELOPMENT

The Child Development program is designed for students desiring to transfer to a four-year college or to meet requirements to work in public or private childcare facilities. The **AA degree in Child Development** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. The Child Development AA degree includes the State Curriculum Alignment Project (CAP) courses. The program conforms to regulatory agency guidelines and offers several options as specified below.

### Career Opportunities:

Career opportunities are available in a variety of jobs in the field of Early Care and Education.

### Degree Major Requirements:

Dept/No.	Title	Units
CHDEV 50	Principles and Practices of Teaching Young Children	3
CHDEV 51	Child Growth and Development	3
CHDEV 52	Observation and Assessment	3
CHDEV 53	The Child, the Family and the Community	3
CHDEV 54A	Social and Emotional Foundations for Early Learning	3
CHDEV 54B	Introduction to Curriculum	3
CHDEV 55A	Practicum-Field Experience	5
CHDEV 74	Health and Safety and Nutrition	3
CHDEV 80	Teaching in a Diverse Society	3

### Select courses for a total of 3-5 units from the following:

CHDEV 55B	Practicum-Field Experience (5)
CHDEV 56A	Infant/Toddler Development and Care (3)
CHDEV 56B	Curriculum and Environments for Infants and Toddlers (3)
CHDEV 58	Preschool Administration (3)
CHDEV 59	Preschool Supervision and Staff Relations (3)
CHDEV 60	Emergent Literacy and Children's Literature (3)
CHDEV 66	Music for Young Children (2)
CHDEV 68	Play-Based Curriculum (3)
CHDEV 70	Preschool Art Curriculum: Principles and Practices (2)
CHDEV 71	The Business of Early Childhood Education (3)
CHDEV 75	Supervising Adults in Early Childhood Programs (3)
CHDEV 246	Emergent Topics: Best Practices for Working with Children (.5-2)* <u>3-5</u>

**Total Required Units: 32-34**

**\*A maximum of one (1) unit combined from any Emergent Topics course can be applied toward the Child Development AA degree major.**

## NURSING

### **Program Modification (Eff. F11)**

(Note: No change in course requirements, just in program narrative.)

The Associate Degree Nursing (ADN) program is approved by the California Board of Registered Nursing. This program is designed to prepare students for beginning positions in Registered Nursing. Upon successful completion of the program, students are eligible to take the state licensing examination for registered nurses. The course of study includes instruction in applied nursing sciences, related natural and social/behavioral sciences, and clinical nursing experience in hospitals and healthcare facilities located in the San Francisco Bay Area.

The **AS degree in Nursing** will be awarded upon satisfactory completion of the Group A Prerequisite requirements, the Group B General Education/Graduation requirements, and the Group C Major course requirements.

Applications are accepted each year from December 1 – March 1 for the class admitted the following Fall semester. All applications with supporting data (all transcripts, etc.) must be received no later than March 1. Applications may be hand-delivered or mailed to the Merritt College Associate Degree Nursing Program. Nonresident foreign students must first be cleared for admission through the International Student Advisor's Office. It is highly recommended that all students interested in the Nursing program see a counselor for guidance in preparation for the program and evaluation of prerequisites prior to applying.

**NO MATERIALS WILL BE ACCEPTED AFTER THE APPLICATION DEADLINE DATES. LATE OR INCOMPLETE APPLICATIONS WILL NOT BE EVALUATED.**

**Students may apply for admission only once per year.**

In order to apply for admission into the ADN Program, students must complete the admission prerequisites (Group A courses). After completion of the Group A courses, students may apply to the ADN Program. Applications are evaluated to determine if the student is eligible to continue in the application process based upon the Chancellor's Advisory Model Prerequisites.

### **Eligibility Requirements:**

1. The student must be a graduate of an accredited high school or have passed the GED test or equivalent.
2. **All prerequisite courses in Group A must be completed before applying for admission into the program.**
3. Foreign transcripts must be submitted to an international education service for evaluation and official sealed results submitted with the application. Forms may be obtained from the Counseling Office.
4. Nonresident foreign students must see the International Student Advisor before applying.

### **Admission Criteria Effective as of Fall 2008:**

**The process by which students are admitted to the Associate Degree Nursing Program (ADN) changed for students applying for admission into the Program in Fall 2008 and subsequent terms.** The Program adopted the Chancellor's Advisory Model Prerequisites for Enrollment in Associate Degree Nursing Program admission criteria. Students must complete all Group A prerequisites prior to applying to the ADN Program for admission. While it is highly recommended that students complete both Group A and Group B courses prior to entry into the ADN Program, admission into the ADN Program will be based upon the Chancellor's Advisory Model Prerequisites for Enrollment in the Associate Degree Nursing Program (Group A courses).

**Application and Admission Process:**

The application and admission process consists of the following criteria:

1. All English coursework: 2.0 GPA or above is required.
2. Biology Core (anatomy, physiology, and microbiology): 2.5 GPA or above is required.
3. A formula approved by the State Chancellor's Office computes each student's cut score. A cut score of 80% or higher is required to meet eligibility requirements. Biology core repetitions adversely affect the overall score. All repeats, regardless of the grade (including a withdrawal "W" grade), are counted as a repetition.
4. Students who have met the minimum cut score (80%) must also pass a diagnostic assessment test, the TEAS Exam. Students who fail to achieve a passing score will be required to complete additional Pre-Nursing coursework prior to admission and enrollment in the Nursing program. Pre-Nursing coursework and clearance of diagnostic assessment deficiencies must be completed to become eligible for admission to the program.
5. **A lottery is conducted that includes all students who show academic readiness by having received a passing score on the TEAS Exam. This lottery is used for selecting the students who will be admitted to and enrolled in the Nursing Program.**

**Prior to Admission:**

All students selected for admission to the program must meet the following additional requirements:

1. A recent (within 6 months) physical examination certifying good physical health must be satisfactorily completed, at the student's own expense. This includes proof of negative results of annual tuberculosis (TB) screening.
2. CPR (Basic Life Support) certification must be current within one year at the time of application and must remain current throughout the length of the program.
3. Criminal background check and drug screening.

Upon admission to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at other colleges or universities.

**Course Requirements:****Group A – Prerequisite Requirements:**

Dept/No.	Title	Units
BIOL 20A	Human Anatomy and Physiology (5)	
	<b>and</b>	
BIOL 20B	Human Anatomy and Physiology (5)	
	<b>OR</b>	
BIOL 2	Human Anatomy (5)	
	<b>and</b>	
BIOL 4	Human Physiology (5)	10
BIOL 3	Microbiology 5	5
ENGL 1A	Composition and Reading	<u>4</u>
<b>Total Required Prerequisite Units:</b>		<b>19</b>

**Group B – General Education/Graduation Requirements:**

Although Group B courses meet General Education (GE)/Graduation Requirements and can be completed prior to or after admission into the ADN Program, it is highly recommended that these courses be completed prior to admission into the program. Each Group B course must be completed with a grade of "C" or better (letter grade only) except for Ethnic Studies and Computer Literacy. **"C-" is not acceptable.**

<b>Dept/No.</b>	<b>Title</b>	<b>Units</b>
MATH 203	Intermediate Algebra	4
ENGL 1B	Composition and Reading (4)	
	<b>or</b>	
ENGL 5*	Critical Thinking in Reading and Writing (3)	3-4
PSYCH 1A	Introduction to General Psychology	3
SOC 1	Introduction to Sociology (3)	
	<b>or</b>	
ANTHR 3	Introduction to Social and Cultural Anthropology (3)	3
COMM 20	Interpersonal Communication Skills	3
<b>Plus:</b>	Computer Literacy requirement	1
<b>And:</b>	Ethnic Studies requirement	<u>3</u>
	<b>Total Required GE/Graduation Units:</b>	<b>20-21</b>
<p>*If Engl 5 is selected instead of Engl 1B, an additional Humanities area 3 course is required to satisfy GE requirements. The minimum GE-unit requirement for the Associate degree is 19 units; some of these requirements can be met by the Group A prerequisite courses. Computer Literacy and Ethnic Studies are degree requirements that are not required by the BRN for licensure.</p>		
<b>Group C – Degree Major Requirements:</b>		
<p>The following courses are to be completed <b>after admission into the ADN program</b>. These courses must be completed with a grade of “C” or better (a 75% passing grade) in lecture and satisfactory clinical performance in each section of a course (“C-” is not acceptable):</p>		
<b>Dept/No.</b>	<b>Title</b>	<b>Units</b>
NURS 1	Fundamentals in Nursing: Beginning Principles of Health Care	9
NURS 3A	Perinatal Nursing	4
NURS 3B	Pediatric Nursing	4
NURS 4A	Intermediate Medical-Surgical Nursing	4
NURS 4B	Psychiatric Nursing	4
NURS 5	Advanced Medical-Surgical Nursing: Disruption in Homeostasis	9
NURS 10	Leadership and Management	1
NURS 11	Ethics and Law	1
NURS 12	Calculation of Drug Dosages for Health Professionals	1
NURS 13	Pharmacology in Nursing	3
NURS 14	Nutrition and Diet Therapy in Nursing	<u>2</u>
	<b>Total Required Major Units:</b>	<b>42</b>
	<b>Total Required Program Units:81-82</b>	
<p>Students with prior experience in the healthcare field, such as Licensed Vocational Nursing (LVN), may apply to challenge courses within the Nursing curriculum and seek advanced placement in the program. Contact the Allied Health Department for details. For written information regarding advanced placement, challenge by examination, transfer, or the 30-unit option (BRN Regulation, Section 2736.6), contact the Allied Health Department Office located in Building D, Room 102.</p>		
<b>Note: Transfer-in or advanced-placement students will be admitted only on a space-available basis.</b>		

## NUTRITION AND DIETETICS

### Program Modification (Eff. F11)

(Note: No change in course requirements, just in program narrative, although units of some courses increased.)

The Nutrition and Dietetics program serves those who wish to train for a career in the nutrition and dietetics field, those who wish to prepare for transfer to a four-year institution, and those who are currently employed in an agency providing nutrition/dietetics services and who seek training for career advancement or certification as Dietetic Technicians.

There are **two** majors in the Nutrition and Dietetics Department: **Dietary Manager (DM)**, and **Dietetic Technology (DT)**. To qualify for the **Certificate of Achievement in Dietary Manager (Dietetic Service Supervisor)**, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the **AS degree in Dietetic Technology**, students must satisfactorily complete the Degree Major requirements. Some courses in this major also satisfy the General Education requirements.

The Nutrition and Dietetics program is dedicated to fostering a learning environment that:

- Provides the healthcare community with culturally-diverse dietetic practitioners who have excellent training, ethics and professionalism.
- Supports the lifelong academic and professional success of every student, regardless of race, national origin or economic status.
- Contributes to institutional success by preparing students to successfully complete their training and find employment, and to be responsive to community needs and become active leaders and mentors in the field of dietetics.

### Eligibility/Admission Requirements for Dietary Manager and Dietetic Technician Field Placement/Internship Programs:

1. A recent (within 6 months) physical examination certifying good physical health, a negative TB screening, immunization history, and verification of a clear background check must be satisfactorily completed, at the student's own expense, and results submitted at the application orientation meeting held at the beginning of May for the Fall semester and in December for the Spring semester.
2. Active e-mail account.
3. Prerequisite courses in Nutrition and Dietetics must be completed before applying for admission into the Dietary Manager or the Dietetic Technician Field Placement/Internship programs.
  - Nutrition and Dietetics major courses must be completed with a grade of "C" or better.
  - NUTR 1 is highly recommended. This course is a survey of the various professions in nutrition and dietetics, including academic requirements, job opportunities, and program details. Students' coursework from previous institutions is discussed and evaluated in this course which is helpful to the student in developing a Student Educational Plan (see Step 6 in Eligibility/Admission Requirements).
  - NUTR 10, 12, 30, 31\*, and 32\* must be taken prior to applying to the field placement/internship program. This coursework must be current and have been taken within the last seven (7) years.

\*NUTR 31 or 32 (one course only) may be taken concurrently with NUTR 70A/71A.
4. Transcript evaluation: Upon admission to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at other colleges or universities. Go to the American Dietetic Association website, [www.eatright.org](http://www.eatright.org), for a list of agencies that are accepted to evaluate foreign transcripts for Nutrition and Dietetics.
5. Two sets of official transcripts from all colleges outside of the Peralta District must be on file: One set to the District Admission and Records Office, and one set to the Nutrition and Dietetics Department at Merritt College. Coursework taken at a Peralta College is available already; therefore, it is not necessary to send transcripts for coursework completed in the Peralta Community College District.
6. Develop a Student Educational Plan (SEP).

**Highly Recommended Preparation:**

**CIS 1**, Introduction to Computer Information Systems: Students entering the DM/DSS and DT programs are expected to demonstrate intermediate skills using Microsoft Word, e-mail, and navigating the Internet. Students who are not proficient are advised to complete CIS 1 at Merritt (or an equivalent course at another college).

**Dietary Manager**

The **Dietary Manager** program is designed for those who seek advancement into management positions in food service, especially in the healthcare environment. Completion of this program qualifies one for employment in a long-term healthcare facility as a Dietetic Service Supervisor (DSS designation, State of California Department of Public Health). It also qualifies the graduate to apply for certification with the national Dietary Managers Association as a Certified Dietary Manager (CDM) and Certified Food Protection Professional (CFPP). A Certificate of Achievement in Dietary Manager (Dietetic Service Supervisor) will be awarded upon satisfactory completion of the Major course requirements.

NUTR 71A	Rotations in Supervised Practice, Level A (1-4)	2
NUTR 71B	Rotations in Supervised Practice, Level B (1-4)	3
NUTR 71C	Rotations in Supervised Practice, Level C (1-4)	3
ANTHR 3	Introduction to Social and Cultural Anthropology	
	<b>or</b>	
SOC 1	Introduction to Sociology	
	<b>or</b>	
SOC 5	Minority Groups	3
BIOL 24	Basic Human Anatomy and Physiology	4
COMM 20	Interpersonal Communication Skills	3
ENGL 1A <sup>2</sup>	Composition and Reading	4
HLTOC 201	Medical Terminology I	2
MATH 203 <sup>3</sup>	Intermediate Algebra	4
PSYCH 1A	Introduction to General Psychology	3
<b>Plus:</b>	Computer Literacy (Area 4c) course	1
<b>And:</b>	Ethnic Studies (Area 5) course	3
<b>And:</b>	Humanities (Area 3) course	3
<b>Total Required Degree Major Units:60-61</b>		

**Highly Recommended:**

NUTR 1, Survey of Nutrition and Dietetics: This course is a survey of the various professions in nutrition and dietetics, including academic requirements, job opportunities, and program details. Students' coursework from previous institutions is discussed and evaluated in this course which is helpful to the student in developing a Student Educational Plan (see Step 6 in Eligibility/Admission Requirements).

<sup>1</sup>The courses listed meet course-content graduation requirements specified by the Nutrition and Dietetics Department to meet American Dietetic Association standards. Some of these courses also meet General Education requirements for the Associate degree. Note: Students who plan to sit for the American Dietetic Association (ADA) exam for Dietetic Technician Registered (DTR) certification must possess an Associate or higher degree before applying to take the exam.

<sup>2</sup>Engl 1A is required for transfer and for the Associate degree.

<sup>3</sup>Math 203 or a more advanced Mathematics course is required for the Associate degree; Math 50 or higher is required for transfer.



**Recommended Sequence of Courses for Five Semesters:<sup>1</sup>**

<b>Dept/No.</b>	<b>Title</b>	<b>Units</b>
<b>SUMMER (FIRST SEMESTER)</b>		
NUTR 10	Nutrition (4)	
	<b>or</b>	
BIOL 28	Human Nutrition (3)	
	<b>or</b>	
BIOL 31	Nutrition (4)	3-4
	<b>Semester Total:</b>	<b>3-4</b>
<b>FALL (SECOND SEMESTER)</b>		
BIOL 24	Basic Human Anatomy and Physiology	4
CIS 205	Computer Literacy	
	<b>or</b>	
	Other Area 4c course	1
HLTOC 201	Medical Terminology I	2
NUTR 12	Nutrition and Disease	3
NUTR 30	Sanitation and Safety	2
NUTR 32 <sup>2</sup>	Supervision and Training	3
	<b>Semester Total:</b>	<b>15</b>
<b>SPRING (THIRD SEMESTER)</b>		
ENGL 1A <sup>3</sup>	Composition and Reading	4
MATH 203 <sup>4</sup>	Intermediate Algebra	4
NUTR 31 <sup>2</sup>	Food-Production Systems	3
NUTR 70A	Seminar in Supervised Practice, Level A	
	2	
NUTR 71A	Rotations in Supervised Practice, Level A	
	(1-4)	<u>2</u>
	<b>Semester Total:</b>	<b>15</b>
<b>FALL (FOURTH SEMESTER)</b>		
ANTHR 3	Introduction to Social and Cultural Anthropology	
	<b>or</b>	
SOC 1	Introduction to Sociology	
	<b>or</b>	
SOC 5	Minority Groups	3
COMM 20	Interpersonal Communication Skills	3
NUTR 70B	Seminar in Supervised Practice, Level B	
	3	
NUTR 71B	Rotations in Supervised Practice, Level B	
	(1-4)	3
PSYCH 1A	Introduction to General Psychology	<u>3</u>
	<b>Semester Total:</b>	<b>15</b>
<b>SPRING (FIFTH SEMESTER)</b>		
NUTR 70C	Seminar in Supervised Practice, Level C	
	3	
NUTR 71C	Rotations in Supervised Practice, Level C	
	(1-4)	3
<b>Plus:</b>	Ethnic Studies (Area 5) course	3
<b>And:</b>	Humanities (Area 3) course	<u>3</u>
	<b>Semester Total:</b>	<b>12</b>

**Total Required Degree Major Units:60-61**

<sup>1</sup> Out-of-district and/or out-of-state courses will be individually evaluated through the Counseling Office to determine if they fulfill the Merritt College General Education requirements. See a counselor regarding General Education requirements, or contact the Nutrition and Dietetics Department for evaluation of previously-completed coursework in nutrition and dietetics and possible course waiver. A written exam may be required to demonstrate currency. At least 12 units of Associate degree-level coursework must be completed at Merritt College.

<sup>2</sup> NUTR 32 is offered only in Fall semester; NUTR 31 is offered only in Spring semester.

<sup>3</sup> Engl 1A is required for transfer and for the Associate degree.

<sup>4</sup> Math 203 or a more advanced Mathematics course is required for the Associate degree; Math 50 or higher is required for transfer.

## PATHWAY II CERTIFICATE

The Merritt College Nutrition and Dietetics program is accredited by the American Dietetic Association/Commission on Accreditation of Dietetics Education (ADA/CADE). Program graduates are qualified to sit for the national ADA exam, and upon successful completion of the exam, they are qualified to use the designation of **"Dietetic Technician Registered (DTR)."** Those with a degree from another college or university in Nutrition and Dietetics or a related field may qualify for the Certificate of Proficiency and may step directly into the Supervised Practice internship portion of the program. A **Certificate of Proficiency** will be awarded upon satisfactory completion of the courses specified below. **The Certificate of Proficiency is not indicated on the student's transcript.** Students qualifying to apply for the **Pathway II Certificate of Proficiency** fall into one of the following three categories:

1. Graduates of an ADA/CADE-accredited, Associate-degree (or higher) program in nutrition and dietetics: Students who have satisfactorily completed all didactic components of their education (as verified by statement from the Nutrition and Dietetics Program Director) need only successfully complete the Seminars and Rotations in Supervised Practice requiring 450 hours of supervised practice to sit for the national ADA exam.
2. Graduates of a non-ADA/CADE-accredited, Associate-degree (or higher) program in nutrition and dietetics, or an unrelated field, from an accredited U.S. college or university: These students must provide evidence that they have completed the equivalent courses needed to satisfy the ADA/CADE Foundation Knowledge and Skills requirement. Additional coursework (as determined by the Nutrition and Dietetics Program Director) beyond the seminar lectures and 450 hours of supervised practice may be required.
3. Graduates who have earned degrees outside the United States: These students are required to provide evidence of equivalency through an evaluation service recommended by ADA/CADE. For specific information, see website information at: [www.eatright.org/students/getstarted/international/agencies.aspx](http://www.eatright.org/students/getstarted/international/agencies.aspx). The student then proceeds as specified in #2 above.

### Certificate of Proficiency Requirements:

Dept/No.	Title	Units
NUTR 70A	Seminar in Supervised Practice, Level A	2
NUTR 70B	Seminar in Supervised Practice, Level B	3
NUTR 70C	Seminar in Supervised Practice, Level C	3
NUTR 71A	Rotations in Supervised Practice, Level A (1-4)	2
NUTR 71B	Rotations in Supervised Practice, Level B (1-4)	2
NUTR 71C	Rotations in Supervised Practice, Level C (1-4)	<u>2</u>
<b>Total Required Units:</b>		<b>14</b>

## RADIOLOGIC SCIENCE

### Program Modification (Eff. F11)

(Note: No change in course requirements, just in program narrative.)

#### General Information:

The purpose of the Merritt College Radiologic Science program is to prepare qualified practitioners to practice the art and science of medical imaging. Radiologic Technologists manipulate sophisticated technical equipment and computers to obtain detailed images of the human body. These images assist physicians in the diagnosis of injury and disease in the clinical environment. Radiologic Technologists work in hospitals, clinics, imaging centers, and physician's offices. A successful and competent Radiologic Technologist is one who works well as a team member, thinks critically, solves problems creatively, possesses strong technical skills, and cares for patients with sensitivity and compassion. The technologist must be flexible and able to work with patients from diverse cultural backgrounds with various needs, abilities, injuries, and disease processes. The program's student learning outcomes focus on developing these important characteristics in program graduates.

Upon completion of the program, graduates will be able to:

- Produce diagnostic-quality medical images in a competent, safe, and compassionate manner for all basic radiography examinations in a hospital work environment.
- Communicate effectively with patients by taking appropriate histories, giving clear instructions, and providing information as needed.
- Exercise critical thinking and problem solving skills by adapting radiologic procedures to individual patient needs and conditions.
- Establish and maintain satisfactory professional relationships with other members of the healthcare team.
- Function as an effective healthcare team member by providing services in a manner that complements those performed by other team members.

The **AS degree and the Certificate of Achievement in Radiologic Science** will be awarded upon satisfactory completion of the Prerequisite requirements, the General Education requirements, and the Major course requirements. **The certificate-only option is available only to those who have already earned an Associate degree or higher.**

The curriculum includes a clinical practicum at various East Bay hospitals. This is a continuous program of 24 months' duration. Students applying to the program must be prepared to make a full-time commitment (approximately 36 hours per week during daytime hours) for two full years, including summers. Upon successful completion of the required courses in Radiologic Science and the Merritt College Associate degree requirements (or equivalent), the student is eligible to take the American Registry of Radiologic Technologists examination required for licensure and practice in the state of California. Upon successful completion of the program and obtaining the California certificate, graduates will qualify for employment as Radiologic Technologists performing a wide variety of patient radiographic procedures in hospitals, clinics, and medical offices and imaging centers.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182 ([www.jrcert.org](http://www.jrcert.org)), and the California Department of Public Health, Radiologic Health Branch, MS 7610, PO Box 997414, Sacramento, CA 95899-7414 (<http://www.cdph.ca.gov/programs/Pages/RadiologicHealthBranch.aspx>).

#### Enrollment in the Program:

Enrollment in the program is every year in the Fall semester, by special application directly to the Radiologic Science program. The application period is **EVERY OTHER YEAR (even-numbered years)** between January 15 and April 15. All courses used for consideration for enrollment in the program must be **completed before** the application deadline date. **All supporting documents must be received no later than April 15 of the application year. Please be advised that due to the number of applications received by the program, qualified students generally remain on a wait list for 2-3 years before entry into the program.**

**A. Post-Admission Requirement:**

By the end of the first semester of the program, the student shall provide proof of current CPR (Basic Life Support for the Health Care Provider) certification, to be kept current throughout the length of the program. Tuberculosis screening must also be kept current throughout the length of the program.

**Prerequisite Requirements:**

Students must have completed the four prerequisite courses, with a grade of "C" or better on each course, before applying to the program. Additionally, the average GPA for the four prerequisites courses must be at least 2.5. All prerequisite courses must be current within seven (7) years. Old Math grades may be validated for currency by taking the Math Assessment test available by appointment through the Counseling Department.

**The prerequisite courses include:**

- A. **RADSC 1A**, Survey of Radiologic Science: This course may **not** be waived for any reason. It must be taken at Merritt College to qualify.
- B. **Math 203**, Intermediate Algebra, or higher (equivalent course may be taken at other colleges): This course is required effective fall 2009 unless the student has catalog rights to an earlier requirement. See section on "catalog rights" in the college catalog or see a counselor for more information.
- C. **Anatomy and Physiology**: This must be a **two-semester course sequence** with a minimum of 8 units total and include a lab (equivalent courses may be taken at other colleges). At Merritt College there are two options that qualify: Biol 20A and Biol 20B (Human Anatomy and Physiology) (5 units each, 10 units total), **OR** Biol 2 (Human Anatomy) and Biol 4 (Human Physiology) (5 units each, 10 units total).

**Highly Recommended Preparation:**

**Computer Proficiency Expectations:** Students entering the program are expected to demonstrate proficiency using Microsoft Word, e-mail, PowerPoint presentation software, and navigating the Internet. Students who are not proficient should see Item No. 1 below in Additional Recommended Preparation.

**Additional Recommended Preparation:**

The following specific coursework and experiences are **recommended** as preparation for the program. While not required for enrollment, completing these courses prior to entering may increase the likelihood of successful program completion.

**Coursework:**

1. Introduction to Computer Information Systems (CIS 1 at Merritt College) or an equivalent course(s). The course or a combination of courses should result in proficiency in the use of Microsoft Word, PowerPoint presentation software, navigating the Internet, and e-mail.
2. Higher Mathematics (such as College Algebra, Pre-Calculus, or Calculus).
3. Physics such as Introduction to Physics, General Physics, or Physics of Radiation and/or Electromagnetism.
4. Medical Terminology.
5. Professional or Business Communications.

**Recommended coursework may satisfy some of the General Education requirements. Students should meet with a Merritt College counselor to plan accordingly.**

**Experiences:**

1. Work experience (as an employee or volunteer) in a healthcare environment, preferably involving direct patient care.
2. Customer service experience (as an employee or volunteer) involving face-to-face contact and communication with the public.

**Student Selection Process:**

In the likely event that the number of qualified applicants exceeds the available program slots, a lottery will be used as a means of student selection. Qualified applicants on the wait list from the previous year are given priority for the current year's selection process. Detailed information regarding the status of the student selection process for a particular application period may be obtained from the Radiologic Science Department and will be presented in the prerequisite course, **RADSC 1A, Survey of Radiologic Science**. Depending on the number of clinical placements available at affiliate sites, the program accepts approximately 29 students per year. All applicants will be notified of acceptance status.

**Degree Major/Certificate of Achievement Requirements**

Dept/No.	Title	Units
<b><u>FIRST YEAR</u></b>		
<b>FIRST SEMESTER (FALL)</b>		
RADSC 1B	Introduction to Radiologic Science (Lecture)	2
RADSC 1C	Introduction to Radiologic Science (Clinical Education)	2.5
RADSC 2A	Radiographic Physics I	2
RADSC 3A	Positioning I	4
RADSC 5A	Patient Care I	3
<b>Semester Total:</b>		<b>13.5</b>
<b>SECOND SEMESTER (SPRING)</b>		
RADSC 2B	Radiographic Physics II	4
RADSC 3B	Positioning II	4
RADSC 9A	Clinical Experience I (16 hours per week)	4
<b>Semester Total:</b>		<b>12</b>
<b>THIRD SEMESTER (SUMMER)</b>		
RADSC 4A	Radiation Protection	2
RADSC 4B	Radiobiology	2
RADSC 10A	Seminars in Radiologic Science I	1.5
RADSC 9B	Clinical Experience II (24 hours per week)	4
<b>Semester Total:</b>		<b>9.5</b>
<b><u>SECOND YEAR</u></b>		
<b>FOURTH SEMESTER (FALL)</b>		
RADSC 2C	Computer/Digital Applications for Medical Imaging	4
RADSC 5B	Patient Care II	3
RADSC 9C	Clinical Experience III (24 hours per week)	6
<b>Semester Total:</b>		<b>13</b>
<b>FIFTH SEMESTER (SPRING)</b>		
RADSC 6	Quality Management/Fluoroscopy	2.5
RADSC 7	Advanced Imaging Procedures	3
RADSC 8	Sectional Anatomy and Radiographic Pathology	4
RADSC 9D	Clinical Experience IV (24 hours per week)	6
<b>Semester Total:</b>		<b>15.5</b>
<b>SIXTH SEMESTER (SUMMER)</b>		
RADSC 10B	Seminars in Radiologic Science II	1.5
RADSC 9E	Clinical Experience V (36 hours per week)	6
<b>Semester Total:</b>		<b>7.5</b>
<b>Total Required Major Units:</b>		<b>71</b>

For more information, please contact the Radiologic Science Department at (510) 436-2509.

## Program Deactivations

### **Business**

#### **OFFICE ADMINISTRATOR**

Certificate of Proficiency

#### **RETAIL CLERK**

Certificate of Proficiency

### **Child Development**

#### **VIOLENCE INTERVENTION AND COUNSELING**

Certificate of Proficiency

#### **EARLY INTERVENTION**

Certificate of Proficiency

### **Nutrition and Dietetics**

#### **DIETARY ASSISTANT**

Certificate of Proficiency



## Fees and Tuition

All students are required to pay a California Community College Enrollment Fee. Effective fall 2012, the enrollments fee shall be \$46 per unit for the semester.

*Enrollment fees are subject to legislative changes throughout the year. Contained within the current State budget mid-year enrollment fee increases may be enacted should State revenues fall below estimates. Students will be advised on any implementation of fee increases prior to the fees taking effect.*

### Nonresident Tuition

Students who are not legal residents of California for one year and one day prior to the first day of the term, or do not qualify for nonresident status known as "AB540," will be charged nonresident tuition. Nonresident tuition is charged at the rate of \$190 per semester unit plus the \$46 per unit California Community College Enrollment fee totaling, \$236 per semester unit. Additionally a \$2 per semester, per campus Campus Center Use fee will be charged.

The following fees are due at the time of enrollment:

California Community College Enrollment Fee – \$ 46 per semester unit (all students)

Campus Center Use Fee – \$ 2 per semester, per campus (all students)

AC Transit EasyPass Fee – \$36 per semester (all students enrolled in 9 or more units)

Health Fee – \$18 per semester for Fall and Spring Semesters, \$15 for the Summer term (all students)

### Other Fees:

Daily parking – \$2.00 a day (exact change only) plus (new policy) student decal for enrolled/registered students.

Semester parking can be purchased for \$40.00 (\$10.00 for a motorcycle permit) and \$20.00 for summer session permit (\$5.00 for a motorcycle permit).

*Peralta Colleges 2012 Class Schedule*

*Peralta Colleges Website- <http://web.peralta.edu/admissions/fees/>*



### Credit by Examination

A registered student who is in good standing (not on probation) and who has completed six semester units at Merritt may request by petition to take an equivalency examination in certain designated courses. A listing is available in the Admissions and Records Office. The petition, which may be obtained in the Admissions and Records Office, must be accompanied by documentation of substantial prior experience in the content of the course. Final determination of eligibility to challenge a course by examination is made by the division involved.

Students earning a satisfactory score on the course equivalency examination specified by a department may earn the unit credit allotted for the course as determined by the department.

Credit by examination may be accrued by a student up to a maximum of 15 semester units. Units earned will be recorded on a student's record as "P" or a letter grade, as determined by the division and grading policy. Units earned through this procedure are not treated as part of a student's study load and therefore are not considered for veterans' benefits, the 12-unit residency, financial aid, athletic eligibility, or similar purposes.

For additional details, students may contact the Admissions and Records office.

Merritt College Catalog 2011- 2013

### Current Merritt Credit by Examination Courses

Discipline	Course Number	Course Title
BIOL	50	Natural History: Geotectonic Biology of the Greater Bay Area
BIOL	53	Mathematic Applications for Field Biology
BIOL	064E	Natural History of Ano Nuevo State Park
BIOL	064F	Natural History of Black Diamond Mines
BIOL	064G	Natural History: Parklands of the Solano Land Trust
BIOL	064H	Natural History of Don Edwards San Francisco Bay National Wildlife Refuge
BIOL	064I	Natural History of Point Reyes National Seashore
BIOL	064J	Natural History of the Jepson Prairie
BIOL	064L	Natural History of Antioch Dunes
BIOL	064N	Natural History of Morgan Territory
BIOL	064P	Natural History of Salt Point State Park
BIOL	064Q	Natural History of Coyote Hills Regional Park
BIOL	064S	Natural History of Mt. St. Helena
BIOL	064T	Natural History of San Bruno Mountain State Park
CIS	200	Computer Concepts and Applications
CIS	205	Computer Literacy
CIS	209	Introduction to Windows
LANHT	20	Interior Horticulture
LANHT	21	Horticultural Equipment Operation, Maintenance and Repair
LANHT	23	Plant Terminology
MATH	203	Intermediate Algebra
PE	100A-B	Track and Field? Men and Women (Intercollegiate)
SPAN	001A	Elementary Spanish

**THIS DOCUMENT IS SUBJECT TO CHANGE. SEE A COUNSELOR EACH SEMESTER TO STAY CURRENT.**

## GENERAL EDUCATION REQUIREMENTS FOR AA/AS DEGREES

### Merritt College

2012 – 2013

**ASSOCIATE DEGREE:** Complete a minimum of 60 degree-applicable semester units with an overall grade point average of 2.0 ("C"). At least 12 of the 60 units must be completed at Merritt College.

**LOCAL DEGREE GENERAL EDUCATION:** Complete a minimum of 19 units from the areas below with an overall grade point average of 2.0 ("C") and a grade of "C" or better in Area 4a (English Composition) and Area 4b (Mathematics). Although a course may be listed in more than one area, it may not be counted in more than one area (except in Area 5, *Ethnic Studies*; see NOTE in Area 5).

**MAJOR:** Students must declare a major to earn an Associate Degree. Majors require a minimum of 18 units with a grade of "C" or better in each course. Unit requirements for majors vary within programs and instructional departments (consult the Merritt College catalog and/or see a counselor for more information).

**OUT-OF-DISTRICT OR OUT-OF-STATE COURSES:** These courses are evaluated individually to see if they fulfill Merritt College General Education requirements. The Peralta District will accept courses with a minimum of 4 quarter units to satisfy an area that requires a minimum of 3 semester units and courses with a minimum of 1.5 quarter units to satisfy Area 4c (which requires a minimum of 1 semester unit). See a counselor for information about this process.

**NOTE:** Courses with an (\*) are listed in more than one area but may not be counted in more than one area.

Legend: N=Needed IP=In Progress C=Completed		N	IP	C
<b>AREA ONE - NATURAL SCIENCES</b>				
One course, minimum of three semester units, from the following:				
ANTHR: 1 ASTR: 1, 10 BIOL: 1A, IB, 2, 3, 4, 5 <sup>1</sup> , 9, 10, 13, 15, 20A, 20B, 23, 24, 25, 29, 36 BIOSC: 50	CHEM: 1A, IB, 12A, 12B, 30A, 30B GEOL: 1 GEOL: 1, 12 LANHT: 1, IE, 15 <sup>1</sup> PHYS: 2A, 2B, 4A, 4B, 4C, 10			
<sup>1</sup> BIOL 5 same as LANHT 15; credit: 1 course				
<b>AREA TWO - SOCIAL AND BEHAVIORAL SCIENCES</b>				
One course, minimum of three semester units, from the following:				
ADJUS: 21, 22, 25, 63 AFRAM: 2*, 3, 4*, 5*, 8*, 10*, 12*, 13*, 14A*, 14B*, 16*, 18*, 19 <sup>1</sup> *, 25*, 27*, 30*, 31*, 32*, 33*, 38 <sup>6</sup> *, 45* ANTHR: 2, 3, 4, 5*, 7*, 8*, 13, 16, 18, 30 <sup>4</sup> ASAME: 19 <sup>1</sup> *, 30*, 32*, 45A*, 45B* BUS: 5, 52 CHDEV: 50, 51 (formerly FACS 51), 53, 56A, 57A COMM: 6*, 10*, 13*, 18*, 19*, 22* COSER: 10, 24, 29* COUN: 30, 230 ECON: 1, 2 EDUC: 1	ENVMT: 2, 3, 5*, 11, 12 <sup>6</sup> *, 19 <sup>2</sup> ENVST: 76A-D <sup>3,4</sup> *, 78A <sup>3,4</sup> *, 78B <sup>3,4</sup> * GEOG: 2 HLTED: 1 HIST: 2A, 2B, 7A, 7B, 15, 19* HUSV: 53 (formerly COSER 45) M/LAT: 6 <sup>1</sup> *, 12*, 19 <sup>5</sup> *, 23* NATAM: 19 <sup>1</sup> *, 76A-D <sup>3,4</sup> *, 78A <sup>3,4</sup> *, 78B <sup>3,4</sup> * POSCI: 1, 2, 3, 4, 5*, 16 PSYCH: 1A, IB, 3, 6, 10, 12, 19 <sup>2</sup> , 24, 33 SOC: 1, 2, 3, 5*			

<sup>1</sup>AFRAM 19 same as ASAME 19, M/LAT 6, & NATAM 19; credit: 1 course<sup>2</sup>ENVMT 19 same as PSYCH 19; credit: 1 course<sup>3</sup>ENVST 76A-D, 78A, & 78B same as NATAM 76A-D, 78A, & 78B; credit: 1 course<sup>4</sup>ANTHR 30, ENVST/NATAM 76A-D, or ENVST/NATAM 78A-B must be taken for at least 3 units to satisfy Area 2<sup>5</sup>M/LAT 19 same as HIST 17 @ BCC, COA & Laney<sup>6</sup>AFRAM 38 same as ENVMT 12; credit: 1 course

NOTE: Courses with an (\*) are listed in more than one area but may not be counted in more than one area.

Legend: N=Needed IP=In Progress C=Completed		N	IP	C
<b><u>AREA THREE - HUMANITIES</u></b>				
One course, minimum of three semester units, from the following:				
AFRAM:	18*, 25*, 27*, 39, 41*, 42*, 43*, 45*	HUMAN:	2	
ANTHR:	7*, 8*	M/LAT:	28*, 30A*, 30B	
ART:	1, 4	LANHT:	55	
ASAME:		MUSIC:	9, 10, 11, 15A*, 19	
CHIN:	, 9, 12, 15*	PHIL:	1, 2, 10	
ENGL:	1, 30*	SPAN:	1A, 1B, 2A, 2B	
ENVMT:	1, 2			
	IB*			
	4*, 5*			
<b><u>AREA FOUR - LANGUAGE AND RATIONALITY</u></b>				
One course in each sub-area (a, b, c, and d):				
English Composition: One course, minimum of three semester units and a grade of “C” or better, from:				
ENGL:	1A*, 1B*, 5*, 100*			
Mathematics: May be met by one of two options:				
Option 1: One course, minimum of three semester units and a grade of “C” or better, from:				
MATH: 1, 2, 3A, 3B, 3C, 3D (equivalent to 3E-F at BCC, COA, & Laney), 13, 15, 16A, 16B, 50, 202, 203				
Option 2: Credit by Examination of Math 203. Students must earn a grade of “C” or better on the exam to earn 4 units of credit. The exam may be taken only once and is offered by the Math Department. The Credit By Exam form (available at Admissions & Records) will be used to record exam grades on the student’s transcript. Contact the Math Department Chair and/or a counselor for more information.				
Computer Literacy: One course, minimum of one semester unit, from:				
CIS:	All courses with a minimum value of one unit	LRNRE:	211	
	and numbered 1 through 248, except 211 (Laney)	LIS:	85	
EDT:	1, 2, 3, 4, 5, 6	RLEST:	20	
LANHT:	9A, 9B, 9C, 34A, 34B, 34C			
NOTE: Students may be able to satisfy the Computer Literacy requirement by passing a proficiency exam. See a counselor for more information.				
Oral or Written Communication, or Literature: One course, minimum of three semester units, from:				
AFRA	41*, 42*, 43*	ENGL:	All courses numbered 1 through 247* (except 48s, 49s, and 208)	
M:			4*	
BIOSC:	34 <sup>1</sup>	ENVMT:		
COMM	3, 4, 6*, 10*, 13*, 18*, 19*, 20, 22*, 45			
:	16A <sup>1</sup>			
COSER				
:				
<sup>1</sup> BIOSC 34 & COSER 16A and must be taken for at least 3 units to satisfy Area 4d				

**AREA FIVE - ETHNIC STUDIES**

One course, minimum of three semester units, from the following:

AFRAM: 2\*, 4\*, 5\*, 8\*, 10\*, 12\*, 13\*, 14A\*,  
14B\*, 16\*, 19<sup>1</sup>\*, 30\*, 31\*, 32\*, 33\*,  
38<sup>5</sup>\*, 41\*, 42\*, 43\*, 45\*

ANTHR: 5\*

ART: 15\*

ASAME: 19<sup>1</sup>\*, 30\*, 32\*, 45A\*, 45B\*

COMM: 13\*

COSER: 29\*

ENVMT 12<sup>5</sup>\* (formerly ENVST 38)

: 76A-D<sup>2,3</sup>\*, 78A<sup>2,3</sup>\*, 78B<sup>2,3</sup>\*

ENVST: 19\*

HIST: 6<sup>1</sup>\*, 12\*, 19<sup>4</sup>\*, 23\*, 28\*, 30A\*

M/LAT: 19<sup>1</sup>\*, 76A-D<sup>2,3</sup>\*, 78A<sup>2,3</sup>\*, 78B<sup>2,3</sup>\*

NATAM 15A\*

: 5\*

MUSIC: 5\*

POSCI:

SOC:

<sup>1</sup>AFRAM 19 same as ASAME 19, M/LAT 6,  
& NATAM 19; credit: 1 course

<sup>2</sup>ENVST 76A-D, 78A & 78B same as NATAM 76A-D,  
78A & 78B; credit: 1 course

<sup>3</sup>ENVST/NATAM 76A-D or ENVST/NATAM 78A & 78B  
must be taken for at least 3 units to satisfy Area 5

<sup>4</sup>M/LAT 19 same as HIST 17 @ BCC, COA, & Laney

<sup>5</sup>AFRAM 38 same as ENVMT 12; credit: 1 course

Any course listed in Area 5 that is also listed in another area may satisfy both areas **but the units are counted only once.**

5/7/12

♦ Merritt College Counseling Department ♦

♦ 12500 Campus Drive ♦ Oakland, CA 94619 ♦ Phone: (510) 436-2475 ♦ Fax: (510) 436-2503 ♦

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## CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH REQUIREMENTS

### Merritt College 2012 – 2013

#### CSU UPPER DIVISION (JUNIOR) TRANSFER REQUIREMENTS:

1. Complete a minimum of 60 transferable semester units with an overall grade point average of "C" (2.0). Non-residents and those with an F-1 visa need at least a 2.4 GPA.
2. Complete at least 30 of those units from the GE courses listed below, including all of Area A and Area B4 (Math) with grades of "C" or better. **NOTE:** For some campuses, you may not complete Areas A and B4 during your last semester before enrollment.
3. Preferred completion of all lower division major prerequisites (required by most impacted majors).
4. No more than 70 semester/105 quarter units are transferable to the CSU system.

**CERTIFICATION:** Merritt College can provide full certification (completion of requirements in every area) or partial certification (completion of requirements in one or more areas). Students should request G.E. certification when asking that their transcript be sent to the CSU of their choice during the final term before transfer. **CERTIFICATION MAY BE DONE ONLY ONCE.**

**IGETC:** CSU lower division GE requirements may also be met by completing the Intersegmental General Education Transfer Curriculum (IGETC). However, certain restrictions may apply and IGETC is not recommended for all majors. *See a counselor for more information.*

**NOTE:** Courses with an (\*) are listed in more than one area but may not be counted in more than one area.

Legend: N=Needed IP=In Progress C=Completed		N	IP	C
<b>AREA A - ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING</b>				
Three courses, minimum of 9 semester (12-15 quarter) units, with at least one course each from Oral Communication (A1), Written Communication (A2), and Critical Thinking (A3), with a grade of "C" or better.				
A1. Oral Communication	COMM: 3, 4, 20, 45			
A2. Written Communication	ENGL: 1A			
A3. Critical Thinking	ENGL: 5 PHIL: 10			
<b>AREA B - SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING</b>				
Three courses, for a minimum of 9 semester (12-15 quarter) units, with at least one course each from Physical Sciences (B1), Life Sciences (B2), Laboratory Activity (B3), and Math/Quantitative Reasoning (B4). One of the two science courses from B1 or B2 must include a lab; lab courses are shown with (L).				
<b>B1. Physical Sciences.</b> At least one course from the following:				
ASTR: 1, 10, 11A CHEM: 1A(L), 1B(L), 12A(L), 12B(L), 30A(L), 30B(L) GEOG: 1* GEOL: 1(L), 12 PHYS: 2A(L), 2B(L), 4A(L), 4B(L), 4C(L), 10				
<b>B2. Life Sciences.</b> At least one course from the following:				
ANTHR: 1 BIOL: 1A(L), 1B(L), 2(L), 3(L), 4(L), 5(L) <sup>1</sup> , 9(L), 10(L), 13, 15, 20A(L), 20B(L), 23, 24(L), 25, 29(L), 36(L) LANHT: 15(L) <sup>1</sup>				
<sup>1</sup> BIOL 5 same as LANHT 15; credit: 1 course				

NOTE: Courses with an (\*) are listed in more than one area but may not be counted in more than one area.

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<p><b>AREA E - LIFELONG LEARNING AND SELF-DEVELOPMENT</b> Some courses in this area are less than 3 units (COSER 16A [variable 2-3 units], COSER 20 [variable 2-3 units], HLTED 20 [1 unit], and LIS 85 [2 units]). Students taking any course less than 3 units will need additional units to earn the 3 units needed to clear this area. Military discharge documents (DD-214) may also be used to completely clear this area.</p> <p>One course, with a minimum of 3 semester (4-5 quarter) units, from the following:</p> <table><tr><td>ASAME: 32*</td><td>HLTED: 1, 20</td></tr><tr><td>BUS: 52</td><td>HUSV: 53* (formerly COSER</td></tr><tr><td>CHDEV: 51</td><td>LIS: 45)</td></tr><tr><td>COMM: 18*</td><td>NUTR: 85 (formerly LRNRE 85)</td></tr><tr><td>COSER: 16A, 20, 24*, 29*</td><td>PSYCH: 10, 12 (formerly FACS 10</td></tr><tr><td>COUN: 24, 30, 57</td><td>RECSE: &amp; 12)</td></tr><tr><td></td><td>12*</td></tr><tr><td></td><td>50, 52, 55, 57</td></tr></table>	ASAME: 32*	HLTED: 1, 20	BUS: 52	HUSV: 53* (formerly COSER	CHDEV: 51	LIS: 45)	COMM: 18*	NUTR: 85 (formerly LRNRE 85)	COSER: 16A, 20, 24*, 29*	PSYCH: 10, 12 (formerly FACS 10	COUN: 24, 30, 57	RECSE: & 12)		12*		50, 52, 55, 57			
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<p><b>UNITED STATES HISTORY, CONSTITUTION, AND AMERICAN IDEALS</b> (CSU Graduation Requirement)</p> <p>One course from EACH group below:</p> <p><u>Group 1:</u> AFRAM: 30<sup>1</sup>, 31<sup>1</sup> HIST: 7A, 7B, 15 <sup>1</sup><u>NOT</u> acceptable if taken either Fall 2004 or Spring 2005</p> <p><u>Group 2:</u> POSCI: 1, 5 (POSCI 1 may be double-counted in Group 2 and Group 3; units counted only once)</p> <p><u>Group 3:</u> POSCI: 1, 16 (POSCI 1 may be double-counted in Group 2 and Group 3; units counted only once)</p> <p><u>NOTE:</u> Courses taken to satisfy this requirement may also be used to satisfy another general education area (at the option of the receiving campus; check with Admissions at the receiving campus to confirm). However, the units are counted only once.</p>																			







## **Associate Degree for Transfer – SB1440**

In September 2010, former Gov. Schwarzenegger signed into law the Student Transfer Achievement Reform Act, also known as SB 1440. This joint initiative with the California Community Colleges and California State University puts the needs of our state's students first.

The two systems continue to roll out a program that simplifies the transfer process for community college students wanting to continue their education at the California State University. For the first time in California history, community college students who complete an associate degree designated for transfer are guaranteed admission to the California State University system with junior status and will be given priority consideration when applying to their local California State University campus and to a particular program that is similar to the student's community college major.

Roughly 50,000 community college students transfer annually to the California State University system. In the past, most community college students transferred with an average of 80 semester units when only 60 semester units are required. Then, upon arrival at the California State University, they often take excess units to make up for courses that did not transfer from their community college.

The old process was complicated and it was easy for students to get frustrated, confused and waste time and money when university admission requirements changed.

The new Associate of Arts Degree for Transfer program launched in the fall of 2011. The two systems have worked together to approve the framework for associate degrees for transfer open to community college students wanting to participate in the program

### **Fact Sheet**

#### **What does the Associate Degree for Transfer program do for me?**

- Creates an Associate Degree for Transfer that guarantees your admission with junior standing to the California State University system.
- Defines this associate degree as having 60 transferrable units that include a minimum of 18 units in a major or area of emphasis and an approved general education curriculum (either IGETC or GE Breadth).
- Provides you with priority admission consideration to your local California State University campus and to a program or major that is similar to the major or area of emphasis you studied at your community college.
- Prohibits the California State University from requiring you to repeat courses that are similar to those completed at your community college as part of your Associate Degree for Transfer.
- Prohibits the California State University from requiring you to take more than 60 units to complete a 120-unit baccalaureate degree.

- Reduces the need to take unnecessary courses, thereby shortening your time to degree completion and reducing your costs at the community college and California State University.
- Eliminates confusion caused by different and shifting major preparation requirements that can vary by each California State University campus.
- Even if you do not complete or have to delay finishing your bachelor's degree, you'll still have an associate degree and no one can take that from you. It can significantly increase your earning potential and provide you with the skills employers are looking for in this difficult economy.

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<http://californiacommunitycolleges.cccco.edu/Students/AssociateDegreeforTransfer.aspx>

### **Merritt Associate Degrees for Transfer**

Merritt College now has three AA-T/AS-T degrees. The Communication AA-T Degree (page 14) was approved by the State Chancellor's Office last spring. Students can begin the process of matriculation for this transfer degree. Please see your counselor for guidance. The Administration of Justice AA-T Degree (page 12) and the Business Administration AS-T Degree (page 13) are pending on the State level and is expected to be approved fall 2012.