# 5055-5053



# KAMIAK HIGH SCHOOL

# **COURSE GUIDE**

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# Kamiak High School

## Home of the Knights

## Working Together to Build a Culture of Student Success

Kamiak High School Administration

#### **Administrative Staff**

Stephen Shurtleff, Principal
Sean Monica, Assistant Principal, A-G
Sasha Fraleigh, Assistant Principal, H-Ng
Dr. Rosa Cabrera-Thompson, Assistant Principal, Nh-Z
Bryant Thomas, Dean of Students

425-366-5400 Fax : 425-366-5402

#### Kamiak Career and College Readiness Center

# Working to prepare Kamiak student for post high school education/training, career and life.

#### Career and College Readiness Center Staff

Bryan Stelling, Career and College Readiness Counselor Theresa Cline, Career and College Readiness Specialist

425-366-5450

#### Specific ways the Kamiak Career and College Readiness Center staff can help students:

- ACT & SAT waivers (for qualified students)
- Application assistance (college, job, scholarships, etc.)
- Assist students with utilizing Washington Occupational Information System (wois.org)
- Career assessments (ASVAB, and through WOIS)
- College information and requirements
- College placement test information (ACT, ACCUPLACER, COMPASS, PSAT & SAT)
- Community & technical college information
- Financial Aid information (including information about FAFSA/WASFA and Scholarships)
- Organize campus visits from college & military representatives
- Post high school education and training assistance
- Post high school planning
- Running Start information
- Scholarship information
- Small group workshops (ex. scholarships, college applications, community college information)
- Sno-Isle Skills Center Information

#### Kamiak Counseling Department

# Working together to enhance the academic, career and social-emotional well-being of all students.

#### **Counseling Staff**

Kelsey Cummings, Counselor, A-C Alexis Spies, Counselor, D-H Sarah Bell, Counselor, Dept. Chair, I-Mh Denise Bathurst, Counselor, Mi-Sa Bill Stengele, Counselor, Sb-Z

#### Support Staff

Isabel Lemmon, Counseling Assistant Julie Rucker, Registrar Emily Woods, Counseling Assistant

> 425-366-5446 Fax: 425-366-5404

#### Specific ways the Kamiak Counseling Department may help students:

- Help develop a four-year course plan
- Help with personal problems arising from social, home, or classroom situations
- Describe available courses and alternate choices
- Review credit analysis/transcripts
- Discuss graduation requirements
- Assist with post-high school plans

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#### Introduction

The Course Guide is designed to help students and parents/guardians select courses that will meet the educational needs of each student. Included are course descriptions, minimum graduation requirements, college entrance requirements, and other pertinent information. Course descriptions include content, grade level(s), prerequisites, credit area, and homework rating table.

Please give careful thought to class choices. It is imperative during pre-registration to ensure appropriate course offerings and number of class sections available for the following year. Correct class selection is essential to the success of the student's total four-year program. It is very important that students select subjects in which they will find success and challenge.

#### How to pick the most appropriate schedule for YOU!

Every person has unique strengths, interests, and goals. As a student it is important to be thoughtful and intentional about what is best for you and request your courses accordingly. Here are a few things to ask yourself when considering your course selection:

#### What courses are required for me to graduate?

Be sure to identify the requirements for your specific graduation year and plan your classes accordingly as they may be different for each graduating class.

#### What is the appropriate level for me?

It is important to select courses that fit your skill set. This includes mastering any necessary pre-requisite courses.

#### What am I interested in?

What are you passionate about? How will your course selection nourish your interests and help you on your journey beyond high school? Look into the career/education paths you are considering once you graduate from high school to see if there are specific classes/requirements you must fulfill in order to pursue those options.

#### Does my course selection contribute to balance in my life?

Are you taking on a healthy amount of responsibility and challenge? It is important to challenge yourself as a student and as an individual. However, it will do you no service if your commitments cause you to feel stressed out and drained. Talk with your counselor if you have questions or concerns about this.

\*Take note of the number of homework hours that go with each course and consider how they will fit into your schedule without compromising your physical, mental, and emotional health. Also, think about where else you are dedicating your time, whether that be with a job, club, activity, sport, responsibilities at home, etc.

#### Who should I talk to if I am unsure about which classes are best for me to take?

If you are interested in a course but unsure if it is the right fit for you, ask the experts- your teachers! Ask for feedback from your current teachers about their recommendations and talk with teachers of the courses you are interested in to see what the class entails (i.e. coursework, homework load, grading scale and breakdown, etc.).

If you have questions about graduation requirements you can talk with your counselor or if you have questions about classes connected to post-high school plans you can talk with the Career and College Readiness Counselor.

Make thoughtful decisions as you choose your courses. Opportunities for students to change these requests are limited.

#### **Schedule Changes**

Courses offered each year at Kamiak are based upon student needs for meeting graduation requirements as well as personal choice. Students are expected to carefully plan their course requests and to register for appropriate classes during the registration process in March. When a student enrolls in a course, it is considered to be a commitment to successfully complete the course.

Students also have the opportunity in May to make changes to their course requests for the upcoming year. Student initiated schedule changes **will not** be accepted after the schedule change window closes in May.



#### **High School Graduation Requirements**

(See Mukilteo School Board Policy 2410-P2017-20 & 2410-P2021)

Students need to complete/pass the following requirements to graduate from high school:

- Earn a Minimum Number of Credits
- Graduation Pathway
- High School & Beyond Plan
- Washington State History
- Civics

Please see following for more detailed information:

• Earn a Minimum Number of Credits (per their year of graduation)

Subject	Classes of 2023 &
	Beyond
English	4.0 credits
Math	
Algebra I	1.0 credit
Geometry	1.0 credit
Algebra II or 3 <sup>rd</sup> year of math	1.0 credit
Science (2 credits must be Lab Science)	3.0 credits
Social Studies	
World History	1.0 credit
US History	1.0 credit
Senior Social Studies	1.0 credit
Civics (curriculum may be embedded in another social	
studies class)	Non-credit
Washington State History	Non-credit
Career & Technical Education	1.0 credits
Fine Arts	2.0 credits
Tille Arts	(1 can be PPR)*
Fine Arts or Career & Technical Education	
World Language or Personalized Pathway Requirement	2.0 credits
(PPR)	(Both can be
(TTN)	PPR)*
Health & Fitness	
Health	.5 credit
Physical Education	1.5 credits
Electives	4.0 credits
Total	24 credits

<sup>\*</sup>Personalized Pathway Requirements (PPR) are up to three course credits chosen by a student to meet specific postsecondary career or education goals that align with the student's interests and High School & Beyond Plan. PPR credits may replace one of two credits and both world language credits, in any combination of these credits up to a total of three PPR credits.

#### Graduation Pathways

#### Class of 2022 Graduation Pathways A Quick Reference Guide

#### Career/Technical Field = CTE Sequence

- Complete a sequence of 2.0 or more CTE credits that either includes a dual credit course or leads to an industry recognized credential
- Complete a Core Plus program

#### Military Career Interest – ASVAB Exam (AFQT Section only)

- *Score for Class of 2022 = 31*
- Check the State Board of Education website by September 1 annually for score update (www.sbe.wa.gov/our-work/graduation-pathway-options/asvab)

#### <u>Postsecondary Education = English Language Arts (ELA) and Math Courses and Exams</u> (<u>student must complete both an ELA and math option</u>)

Students may use any combination of the ELA and math options listed in this section:

- ACT (ELA = 14 with Writing; math = 16)
- SAT (ELA = 410 with or without Essay; math = 430)
- Dual Credit courses (1.0 credit total for ELA and/or math):
  - AP/IB/Cambridge: Earn a C+ (each term) in state-approved course
  - CTE Dual Credit: must earn high school credit; local approval
  - College in the High School or Running Start courses: local approval
- Dual Credit exams (for state-approved courses):
  - AP = 3+
  - Cambridge = E or better
  - *IB* = 4+
- State assessments:
  - Smarter Balanced: ELA = 2548; math = 2595
  - WA-AIM: ELA = 104; math = 103 ¬ Transition courses (1.0 credit total for ELA and/or math):
  - Bridge to College courses have state-level approval
  - Local articulation agreement between districts and sponsoring colleges

Please contact OSPI staff at graduation.pathways@k12.wa.us with questions

#### • High School & Beyond Plan

The High School & Beyond Plan (HSBP) is a state mandated graduation requirement. The HSBP is a student developed plan for high school experiences that leads to post high school choices. Guided by career assessment results, students work with HSBP staff to identify their career and educational goals for graduation and beyond, develop a four-year course plan to fulfill graduation requirements that includes an individualized personalized pathway requirement (PPR), and a resume by grade 12. The HSBP is revised annually to accommodate students' changing interests and post high school goals.

Aspirations may include the following pathways: **general postsecondary education** - four-year colleges or universities and two-year community or technical colleges; **career/technical field** - apprenticeship programs, industry standard certificate programs, and on-the-job training; or the **military enlistment**. Specific information regarding HSBP requirements, activities, and artifact submission procedures are provided to students during HSBP visits in class. For current information on HSBP requirements and documents, visit the Kamiak HSBP webpage (https://www.mukilteoschools.org/domain/2434).

#### • Washington State Studies

The Washington State History requirement may be met in grades 7 through 12. If the course is taken in the 7th or 8th grade it fulfills the graduation requirement, but high school credit will be awarded only if the academic level of the course exceeds 7th or 8th grade. Students who meet the requirement but do not earn high school credit must still take three credits of social studies in high school.

#### Civics

Civics is a non-credit requirement needed to graduate from Kamiak High School. Students who pass US History at Kamiak will fulfill their Civics requirement. If a student has not taken US History at Kamiak, they will need to schedule an appointment with their counselor to discuss the alternative options.

Running Start students will meet the civics requirement through POLS&202: Intro to Political Science.



#### High School Course Planning Worksheet

Semester 1 Semester 2

9th Grade	1. English I 2. Health 3. Science 4. Math 5. Elective 6. Elective	1. English I
10th Grade	1. English II	1. English II
11th Grade	1. English III	1. English III
12th Grade	1. English IV 2. Senior Social Studies 3. Elective 4. Elective 5. Elective 6. Elective	1. English IV

# **Course Planning Checklist**

- Instructions:

  1. Each box below each grade level represents 0.5 credits. Use these boxes to plan and audit the courses you will need/take towards graduation. Use a pencil in case your plan changes.
- Use a Vin the box, for planned courses. Put a V in the box, for completed courses.

Subject	Class of	Minimum College Academic Distribution		2		210		2011		10	
3	2021+	Requirements (CADR)	Glane	ב א זר	OI and To	E TO	OPIO	TT an	PID	OI due 17	
English	4.0	4,0	5	.5	5	.5	.5	.5	.5	.5	
Math		1.0 *Senior year math based quantitative course									
Algebra I	1.0	1.0	.5	.5							
Geometry	1.0	1.0			.5	.5					
Algebra 2/Math 3	1.0	1.0 (Algebra 2)					5.	.5			
Science (2.0 Lab Sci)	3.0	2.0 (Lab Science, 1.0 credit needs to be algbased) *	.5	.5	.5	.5	5.	.5			
Social Studies		3.0									
World History	1.0				.5	.5					
US History	1.0						.5	.5			
Senior Soc. Studies	1.0								.5	,5	
Occupational Ed	1.0										
Arts/PPR	2.0	1.0									
World Language/PPR	2.0	2.0 (Same Language)									
Health	.5		.5								
Physical Education	1.5			.5							
Electives	4.0										
Total Credits	24										
*To align with high school graduatic	on requirement	To align with high school graduation requirements, a third credit of science will be required for students entering college summer or fall 2021. The third	lege su	mmer o	r fall 2	021. Th	e third	credit w	ould n	credit would not need to be lab	o be lab

<sup>\*</sup>To a lign with high school graduation requirements, a third credit of science will be required for students entering college summer or fall 2021. The third credit would not need to be lab-based.

For more information on CADRs please see page	4-year College/University □ Community College     Work/Apprenticeship □ Military     Trade/Vocational School □ Other:	(Check one)	Current Post HS Plan
in the curriculum guide		Grade 9	
e and/or visit: http://ww		Grade 10	Electiv
in the curriculum guide and/or visit: http://www.wsac.wa.gov/college-admissio		Grade 11	Electives Plan
admissions		Grade 12	E.

#### Withdrawal from Course

Withdrawal from a class at any time during the semester will generally be approved when the parent, teacher, and counselor recommend the action based on extenuating circumstances over which the student has little or no control and which makes continuance for course credit appear unlikely. In such cases, approved withdrawals before the  $5^{th}$  week of the semester will result in a "W" on the transcript with no credit awarded and no effect on the student's grade point average (GPA). Withdrawals after the  $5^{th}$  week of the semester will result in a "NC" on the transcript with no credit awarded.

http://info.mukilteo.wednet.edu/board/Policy/Pol/2420-P.html

#### **Credit Standing**

The high school's most important priority is the academic progress of its students. Students who are not on track for graduation often require interventions. The regular high school program may not allow enough flexibility for students deficient in credits to graduate with their cohort group. Please contact your counselor for more information regarding alternative education options.

#### Middle School Courses Taken in Grades 6th, 7th & 8th Grade for HS Credit

For school years prior to 2019-20 all high school academic level credits, taken prior to high school, can be used, if certain conditions are met. The family or student must request the courses to be added to the high school transcript (giving the student high school credit) regardless of the letter grade the student earned in the course. Even if the course is a state graduation requirement (i.e., WSH), courses taken prior to 2019-20 are not automatically included on the high school transcript. Courses taken prior to the 2019-20 school year cannot be removed once placed on the transcript. Beginning with the 2019-20 school year, RCW 28A.230.090(4)(a)(b) and WAC 180-51-030 require that all high school rigor courses taken and passed by students in grades 7 and 8, be awarded high school credit and placed on the high school transcript. The credits can be removed if requested by the student or parent/guardian prior to the end of the student's grade 11 school year. District policy will determine the procedure for requesting the removal of these credits. At the request of the student or parent/guardian, credits that are to remain on the high school transcript may be transcribed with a non-numerical grade, e.g., Pass or Credit. The non-numerical grade is not included in GPA calculation, but the credit will apply to fulfilling graduation requirements. The grade can be changed to a non-numerical value if requested by the student or parent/guardian prior to the end of the student's grade 11 school year.

#### **Waiver Requests**

Waiver requests will be considered in accordance with school district policy 2418-P and state law.

Students have choices to make when making course selections and we respect the fact that student interest is and should be a prime motivation for course selections. At the same time, counselors and administrators have a responsibility to help students meet all graduation requirements. In some cases, students will need to recognize that depending upon their choice for course selections, they may need to go outside the school day in order to meet remaining district and state graduation requirements. This may be done via internet courses, Running Start, correspondence courses or summer school.

#### PE Waiver

Students participating in directed athletics, including community based organized athletics, may be eligible to receive a waiver of up to a maximum 1.0 credits of the total 1.5 physical fitness credit requirement. For an initial .5 waiver, students complete the application process as outlined under School or Community Directed Athletics and turn it into the Counseling Office by the end of the season, or no later than the end of the succeeding semester. No waiver will be granted if the student has a reduced schedule (late arrival/early release) or has/had a TA or office assistant position. Waiver applications are held in the Counseling Center and processed for the student transcript the end of junior year.

For an additional .5 waiver (for a total of 1.0) students must submit an application specific to a School Directed waiver or a Community Directed waiver, complete with the required documents and the student's four-year high school plan to the Counseling Office. Approval of the waiver is determined by the building principal and the principal's decision is final. There are no appeals.

Students may be excused from participating in physical education with an approved medical waiver or due to religious beliefs. Please see your school counselor for quidelines and procedures.

Waiver applications are on the counseling website and need to be submitted to the student's counselor.

#### Science Waiver

Waiver Process for the Accelerated Pathway

All incoming freshmen will sign up for Physical Science during the registration period. Starting May 1, students may apply to waive the 9th grade Science course in order to move directly into Biology. Students who choose the Accelerated Pathway (see graphic below) will be committing to take Biology in 9th grade, Honors Chemistry in 10th grade, and Honors Physics in 11th grade to ensure that all science standards have been taught prior to taking the WCAS at the end of 11th grade.

In order to be successful in the Accelerated Pathway, students should meet the following recommended qualifications:

- Have successfully completed Algebra at the middle school level
- Have passed 8th grade science with a "B" or better
- Have an interest in pursuing a science-related or engineering career

Completed forms should be submitted to your high school counselor and must be received no later than May 2nd.

\* Late forms will not be accepted. \*



#### **Outside Credit**

Any credit earned outside a regular Kamiak school day must first be approved by the high school counselor and then submitted to the principal for approval per school board policy 2410-P. The maximum outside credits allowed is (2.0). See your counselor for forms.

#### World Language Proficiency Exam

The Mukilteo School District provides students in grades 8-12 with an opportunity to earn up to 4.0 high school credits by taking a World Language Proficiency Exam (WLPE) that is offered for nearly 60 languages. Students are tested on their speaking, reading, and writing skills in the language selected. Students earn a "pass" grade and not a letter grade for any credits awarded and therefore does not affect their grade point average. These credits are separate from the 2.0 outside credit limit (see above). Please see your counselor if you are interested in this opportunity.

For more information, please visit the Mukilteo School District website under the Assessments Department "Assessment Resources" tab. A list of languages offered can be found under the "Assessment Resources" tab on the third page of the "WLPE FAQ's" document.

#### **CTE Dual Credit**

Every time this symbol appears, it designates a CTE Dual Credit course for which students may earn reduced community college credits. Teachers of CTE Dual Credit classes provide the directions to register for college credit in class.

CTE Dual Credit is a partnership between the high school and community college. CTE Dual Credit offers students the opportunity to:

- Earn **reduced** community college credit for Career & Technical Education (CTE) classes taken at the high school.
- Explore an area of interest and gain higher skills that can equate to higher wages.
- Get a jump start on college while still in high school.

#### Courses that qualify are:

- Advanced Sports Medicine
- Advanced Visual Communications
- AP Computer Science-A
- AP Computer Science Principles
- Beginning Visual Communications (Video)
- Career Choices
- Career in Education (I & II)
- Cooking for Wellness
- Effective Management (Student Store)
- Environmental Science
- Financial Independence
- Forensic Science
- Graphic Arts
- Intro to Culinary Arts
- Intro to Programming
- Intro to 3D Animation & Game Design
- Manufacturing Technology I
- Manufacturing Technology II
- Marketing, Business & the Entrepreneur
- Microsoft IT Academy
- Social Media Marketing
- Sports & Entertainment Marketing
- Sports Medicine
- Textiles & Design
- Web Design/Multimedia

https://www.sbctc.edu/colleges-staff/programs-services/cte-dual-credit

#### College in the High School

Every time this symbol appears, it designates a College in the High School (CITHS) course for which students have the option of earning college credit(s).

College in the High School is a cooperative program between the Mukilteo School District and participating community colleges/universities. CITHS credit is only available for 10th,11th, and 12th graders per community college guidelines. The opportunity to earn CITHS credit is associated with specific courses only and when the course is taught by a college/university-approved instructor. You will need to check with your instructor in the Fall to verify if that specific class section meets all requirements.

Please note that paying for the CITHS credit(s) automatically initiates an official college transcript with the institution offering the course. The grade(s) earned in the course will be on the official high school AND college transcripts. Following high school, the college credit(s) earned may count as elective or academic credit depending on the receiving college's transfer credit policies. The high school grade is recorded on the student's high school transcript. The course grade is then converted into the community college/university grade-equivalent of the course following whatever grading-style is utilized. In order to transfer/apply the college credit(s) after high school, students must request an official transcript directly from CITHS partner college/university that the credit(s) were earned through.

College in the High School credit is optional for students enrolled in CITHS-eligible classes. There is no fee for students who enroll in a CITHS or co-delivered dual credit course who wish to earn high school credit only. Fees apply for students who enroll in a CITHS-eligible and elect for the college credit option.

Breakdown of fees & financial aid to earn college credit by institution are below.

#### **Everett Community College**

- Courses cost \$220 per 5 credit class. The cost for an equivalent course taken at EvCC can be as much as \$535 and that does not include the cost of textbooks, parking, and other fees. All fees are due at the time of registration.
- You may pay with a check, card, cash, or 529 account. Students paying with a check, cash or money order will need to pay in-person at our cashier's office. Card payment may be made in-person or online. 529 accounts or GET (Guaranteed Education Tuition) funds are saving accounts through the state that pay for tuition and educational costs only. Students must connect with a representative from their 529 and have a check sent or money wired to EvCC for the tuition amount. Students must have completed registration and have a balance on their account prior to paying with a 529 or in-person.
- CHS students are not eligible for financial aid because they have yet to graduate from high school or obtain a GED. This is a requirement for federal (FAFSA) and state (WASFA) financial aid. Additionally, they are not eligible for the EvCC Emergency Book Loan overseen by Work Force Funding.
- A fee waiver is available for students that qualify. Eligible students can waive up to two 5-credit courses per year for a total of \$440. To be eligible, students need to be attending a high school in the EvCC Service District (Snohomish County) and must be currently receiving Free or Reduced Lunch, TANAF, Apple Health (Medicaid), or food benefits. CHS staff must have verification of this benefit in order to process the waiver.
- High schools may also have grant money to help students pay for CHS classes. Students will need to check with their high school counselor to see if funds are available.

• CHS students may apply for the EvCC Foundation scholarship. EvCC Foundation Scholarships can be used to help cover the cost of tuition, fees, books, and supplies while attending EvCC. The scholarship application opens every year in January.

#### **University of Washington**

• Course fee for a 5-credit course: \$330 (\$66/credit)

Registration fee: \$45

Total fees for one 5-credit course: \$375

• Course fee for a 4-credit course (CSE 142 and 163 only): \$264 (\$66/credit)

Registration fee: \$45

Total fees for one 4-credit course: \$309

• Payment is due in full at the time of registration. There are no payment plans or deadline

extensions.

• Financial aid and scholarships from UW are not available.

For more information, please check the following websites at: http://www.everettcc.edu/ccec/college-in-high-school and https://www.uwhs.uw.edu/

#### Courses that qualify are:

<u>Kamiak course name</u>	Corresponding community college course name & code
<ul> <li>AP Calculus AB</li> </ul>	Calculus I/MATH&151
<ul> <li>AP Calculus BC</li> </ul>	Calculus II/MATH&152
<ul> <li>AP Computer Science</li> </ul>	Computer Programming I/CSE142-AP — University of Washington
<ul> <li>AP English III Lang &amp; Comp</li> </ul>	English Composition I/ENGL&101
<ul> <li>AP English IV Lit &amp; Comp</li> </ul>	Introduction to Literature/ENGL&111
<ul> <li>AP Statistics</li> </ul>	Introduction to Statistics/MATH&146
<ul> <li>AP US Government &amp; Politics</li> </ul>	American Government/POLS&202
<ul> <li>AP US History</li> </ul>	US History I/HIST&146, US History II/HIST&147, US History III/HIST&148
<ul> <li>AP World History</li> </ul>	World Civilization/HIST103D
<ul> <li>Careers in Education I, II</li> </ul>	Intro to Education/EDUC&202, Education in Action/EDUC250/256,
	Education Portfolio/EDUC270
<ul> <li>Chemistry Honors</li> </ul>	Introduction to Chemistry/CHEM&121
<ul> <li>Computer Science Adv. Topics</li> </ul>	Computer Programming II/CSE143 - University of Washington
<ul> <li>Forensic Science</li> </ul>	Introduction to Forensic Science/CJ&240
<ul> <li>German III</li> </ul>	German III/GERM&123
<ul> <li>Holocaust &amp; Genocide Studies</li> </ul>	Surviving the Holocaust/HUM150D
<ul> <li>Human Development</li> </ul>	Child Development/EDUC&115D
<ul> <li>Japanese II, III, IV</li> </ul>	Japanese II/JAPN&122, Japanese III/JAPN&123, Japanese IV/JAPN&221
<ul> <li>Math in Society</li> </ul>	Math in Society/MATH&107
<ul> <li>Physics Honors</li> </ul>	General Physics I/PHYS&114, General Physics II/III/PHYS&115/116
<ul><li>Psychology/Interpersonal Relationships</li></ul>	General Psychology/PSYC&100
<ul> <li>Pre-Calculus Honors</li> </ul>	Pre-Calculus I/Math&141, Pre-Calculus II/MATH&142
<ul> <li>Spanish II, III, IV, V</li> </ul>	Spanish II/SPAN&122, Spanish III/SPAN&123/Spanish IV/SPAN&221, Spanish V/SPAN&222

#### **Running Start**

Running Start is a program that offers eligible high school juniors and seniors the opportunity to take community college courses (tuition-free) while completing high school. Students who are ready for college-level work may use this opportunity to gain college credit or take courses not available through the high school. Grades and credits earned are recorded on both the college and high school permanent transcripts.

Each community college determines eligibility with a placement test, or alternative placement measures. College classes frequently require a higher level of self-discipline, ability, and outside study time than high school classes. Therefore, students considering Running Start should think about readiness for this program and discuss it with parents/guardians and their high school counselor.

Other considerations influencing a student's decision may include transportation, expense of books and fees, and the challenge of staying involved with high school events and activities while off campus during all or part of the day.

A student interested in Running Start will need to attend an information session prior to meeting with their counselor. Meeting dates and high school information will be posted on the counseling webpage.

#### NCAA Eligibility Center – For Division I and Division II College Bound Athletes

If you are planning to be a collegiate athlete at either a Division 1 or Division 2 college or university you will need to meet the NCAA Eligibility Center standards as well as the college admission standards. Most students register at the end of their junior year prior to commencing the senior year. If you would like to create an account, please visit the following website: https://web3.ncaa.org/ecwr3/

If you have any questions, go the Kamiak Counseling Center and schedule an appointment with the NCAA coordinator.

#### Sno-Isle Skills Center

The Sno-Isle Skills Center is a large complex located near the Boeing plant in Everett. This facility is operated by the Mukilteo School District and provides vocational programs to 14 separate school districts. These one and two year programs equip students with excellent training and job entry skills. Sophomores and juniors are eligible to apply for admission in the spring for fall enrollment.

It is very important to plan your high school schedule for meeting graduation requirements. When including any of the Sno-Isle courses in your High School & Beyond Plan, remember to allow three (3) periods for a course during each semester. Check the course descriptions on pg. 96 for a list of programs available or visit their website at www.snoisletech.com.

Interested students should contact their counselor for more information.

#### **GPA & Class Rank**

#### Grade reporting and calculation scale

Α	=	4.0
A-	=	3.7
B+	=	3.3
В	=	3.0
В-	=	2.7
C+	=	2.3
C	=	2.0
<b>C</b> -	=	1.7
D+	=	1.3
D	=	1.0
F	=	0.0

Class rank for juniors will be set by the end of the fourth week of the second semester of their junior year. Class rank for seniors will be set by the end of the fourth week of first semester senior year. All grade changes and coursework must be submitted prior to that date. The final senior class rank will be set at the end of the fourth week of the beginning of the second semester. All grade changes and coursework must be submitted prior to that date.

Kamiak High School recognizes rigorous work of students by using a weighted class rank. Valedictorian and Salutatorian are selected based on weighted rank. Requirements for an honor cord are based on unweighted GPA. Seniors with a cumulative unweighted GPA of 3.7 or higher are eligible to purchase and wear an honor cord at graduation.

#### **Official Washington Transcript**

This transcript includes the unweighted GPA and does not include the weighted GPA or rank. To request a copy of your official transcript please go to www.parchment.com. For more information and directions on requesting a transcript refer to the counseling center webpage on the Kamiak High School website.



#### **Weighted Class Values**

Honors and Advanced Placement courses receive additional "weight" to reward students attempting the most challenging courses. Courses labeled "Honors" receive an additional weight (equal to a .25 on a GPA scale). Courses labeled "Advanced Placement" receive an additional weight (equal to +.5 on a GPA scale). Community college courses, including those taken through Running Start, are not weighted.

#### Weighted Courses

Career & Technical courses:

AP Computer Science AP Computer Science Principles

**English courses:** 

English I Honors English II Honors AP English III Lang & Comp

AP English III Lang & Comp
AP English IV Lit & Comp

Fine Arts courses:

AP Music Theory AP Studio Art: 2D Design AP Studio Art: Drawing Math courses:

Algebra II/Trig Honors AP Calculus AB AP Calculus BC AP Statistics

Pre-Calculus Honors

Science courses:

AP Biology AP Chemistry

AP Physics C AP: Mechanics AP Physics C AP: Electricity &

Magnetism Chemistry Honors Human Physiology & Anatomy Honors Physics Honors Social Studies courses:

AP US Gov't & Politics AP US History AP World History

World Language courses:

AP French Lang & Culture

AP German V

AP Japanese Lang & Culture

#### **Advanced Placement**

The Advanced Placement (AP) program provides an opportunity for eligible high school sophomores, juniors and seniors to take college level classes at the high school and possibly earn college credit and high school credit simultaneously. AP classes are designed for students who are ready for college level work, have competent skills in reading and writing, and are willing to work hard both at home and at school.

#### **Advanced Placement Courses** (offered depending on student requests)

Career & Technical courses:

AP Computer Science AP Computer Science Principles

**English courses:** 

AP English III Lang & Comp AP English IV Lit & Comp

Fine Arts:

AP Music Theory AP Studio Art: 2D Design AP Studio Art: Drawing Math courses:

AP Calculus AB AP Calculus BC AP Statistics

Science courses: AP Biology

AP Chemistry
AP Physics C AP

AP Physics C AP: Mechanics AP Physics C AP: Electricity & Magnetism Social Studies courses:

AP US Gov't & Politics AP US History AP World History

World Language courses:

AP French Lang & Culture

AP German V

AP Japanese Lang & Culture

These courses prepare students for the AP exams held in the spring. Individual universities and colleges may award credit and/or placement based on test results. There is a fee to take an AP test.

Advanced Placement (AP) courses are an excellent way for students to experience the rigor and advanced learning of college level coursework. The key to being successful in AP course work is balance. The number of AP courses one takes should be balanced with academic skills, other course commitments, extra-curricular activities, employment, and family considerations. To facilitate informed decisions, Kamiak has initiated a policy regarding taking multiple AP courses.

#### Advanced Placement (AP)/Honors Course Policy

Students will be allowed to sign up for a maximum Advanced Placement (AP)/ Honors course load of three (3) courses per year. Students who desire to exceed that limit may do so only after having completed an informed consent form, including parent/guardian signature. The intent of the informed consent form is to ensure that both the student and parent are aware of the demands inherent in taking multiple AP college-level/ Honors classes, particularly in the context of all other activities common to high school students. Furthermore, by signing the form both student and parent acknowledge that the AP/Honors course is a year-long commitment – students will not be released from that commitment at the semester unless there is evidence of extreme medical circumstances, such as a medical condition that prohibits the student from attending school.

#### **Washington State Honors**

The top 10% of Washington State's eligible graduating seniors will receive a Washington State Honors Award. The selection of eligible students is determined by an index score that gives equal weight to the high school grade point average (GPA) and the SAT and /or ACT scores.

#### National Merit Scholarship Program

National Merit Scholarship Program is a nationwide competition that is based on scores received on the Preliminary Scholastic Aptitude Test (PSAT). Those students who place in the top 1% are selected as Semi-Finalists and are being considered as a Finalist for their exceptional academic promise. Those students who place among the top 5% are selected as Commended Students and are being recognized for their outstanding academic promise.

For more information, please visit their website at http://www.nationalmerit.org/.

#### **College Admissions**

College admissions decisions are made by individual colleges/universities and vary depending on the type of institution. Meeting high school graduation requirements is not the same as meeting college admissions standards. Students should check with individual colleges/universities to determine the requirements for admission.

#### <u>Overview of Minimum College Admission Standards for WA State Public</u> Universities

Influencing admission include high school grade point averages, test scores, CADR's and extra-curricular activities. Required high school courses are known as the College Academic Distribution Requirements (CADR).

Each school district is responsible for determining which of its high school courses meet CADR guidelines, and for ensuring that those courses are identified with "B" designations on students' transcripts. Students should consult with their local high school to obtain complete information about CADRs.

Students earn one credit by completing one full academic year of coursework. School districts may also use competency-based assessments to award credit. Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year. College students who complete five quarter credits of college-level coursework have earned the equivalent of one CADR credit.

Minimum college admission standards for public baccalaureate institutions in Washington State include:

- 2.0 GPA or higher
- Taking the SAT or ACT and having the scores sent directly to the college/university
- Completing Courses that meet the CADR's



#### College Academic Distribution Requirements (CADRs) Coursework

#### English – 4 credits

Meeting the CADRs through high school coursework	Meeting the CADRs through college coursework
4 credits of English are required.	College students who have not met the English
<ul> <li>Must include 3 credits of college preparatory</li> </ul>	requirement may do so by completing one of the
coursework, including literature and composition	following:
(may include Bridge to College English).	Pre-college English coursework that would prepare
May include 1 credit of elective English	a student for college level composition or literature
Ex: creative writing, journalistic writing, English as a	(typically the highest-level pre-college course at a
Second Language (ESL), drama as literature, public	given institution).
speaking, debate, or business English.	Any college-level course with an English or writing
Not accepted: Remedial or applied courses, acting,	prefix.
basic English skills, developmental reading, library,	
newspaper staff, vocabulary, yearbook or annual, or	
English as a Second Language.	

#### Senior Year Math-Based Quantitative Course

The intent is to require students take meaningful math during their senior year.

Meeting the CADRs through <b>high school</b> coursework	Meeting the CADRs through college coursework
The requirement can be met by taking:	Any college level math-based quantitative course of a pre-college math
<ul> <li>1 credit of math equal to or beyond one of the three required math credits.</li> </ul>	course that would prepare a student for college algebra.
<ul> <li>Quantitative course Ex. statistics, advanced level of applied math or math-based career and technical courses.</li> </ul>	
<ul> <li>Algebra based science course Ex. chemistry, physics, or other science courses that incorporate knowledge of Algebra.</li> </ul>	
AP Computer Science course	
Bridge to College Mathematics	
<b>Note</b> : Successful completion of math beyond Algebra II or	
Integrated Math III, prior to senior year, meets both the math	
and senior year quantitative credit requirements.	

#### *Mathematics – 3 credits*

Meeting the CADRs through high school coursework	Meeting the CADRs through college coursework
3 credits of mathematics are required. Must include	College students who have not met the mathematics
either of the following 2 options:	requirement may do so by completing one of the following:
<ul> <li>1 credit each of Algebra 1, Geometry and</li> </ul>	<ul> <li>Pre-college math coursework that would prepare a</li> </ul>
Algebra II (intermediate Algebra)	student for college Algebra, typically intermediate
<ul> <li>3 credits of Integrated Math</li> </ul>	Algebra (Math&98)
<b>Note</b> : Successful completion of math beyond Algebra II	<ul> <li>Mathematics courses with intermediate Algebra as a</li> </ul>
or Integrated Math III meets both the math and senior	prerequisite (see exceptions below). This includes any
year quantitative credits requirements.	higher-level mathematics courses such as elementary
	functions, pre-calculus, calculus, and beyond.
	<b>Not accepted</b> : philosophy, logic, statistics, or computer science.

#### Science – 2 credits

To align with high school graduation requirements, a third credit of science will be required for students entering college summer or fall 2021. The third credit would not need to be lab-based.

Meeting the CADRs through high school coursework	Meeting the CADRs through college coursework
2 credits of laboratory science are required.  1 credit must be earned in an Algebra-based science course  1 credit must be earned in biology, chemistry, or physics.  Some courses may fulfill more than one science requirement, and if taken in senior year, may also fulfill the senior year math-based quantitative requirement (any Algebra based science course).	In general, comparable college courses may substitute for CADRs not earned in high school. College science courses with a lab will count toward the laboratory science requirement.  Ex. astronomy, atmospheric science, biological structures, biology, botany, chemistry, environmental science (but not Environmental Science), genetics, human physiology, geology, oceanography, physical anthropology, physical geography, physics, or zoology.
Because some courses may meet both of the above requirements, another lab science course may be acceptable for the second credit.	
To complete the second credit, students may take courses identified by the school district as laboratory science courses.  Ex. astronomy, environmental science, geological science, genetics, or marine science principles of technology courses.	

#### Art - 1 credit

#### Meeting the CADRs through **high school** coursework

1 credit of art is required. Must be satisfied with either of the following options:

- 1 credit in the fine, visual or performing arts
- 1 credit beyond the minimum in any other CADR subject area.

Ex. art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making or sculpture

Not accepted: architecture, color guard, creative writing, drafting, drill team, fashion design, interior design, sewing, speech, web design or graphics, woodworking and yearbook.

Note: The UW and WWU specify that one half of this requirement must be in the fine, visual or performing arts; the other half may be either in the arts or in an academic elective.

#### Meeting the CADRs through college coursework

Students can satisfy the arts requirement with any of the following three options:

- 5 quarter credits in fine, visual, or performing arts
- 3 quarter credits or 2 semester credits in art, art history, cinema/filmmaking, dance, music or photography.
- 3 quarter credits or 2 semester credits in drama, except drama as literature courses.

**Not accepted:** courses in architecture are generally not acceptable, except for those in architectural history.

#### World Languages – 2 credits

#### Meeting the CADRs through high school coursework

2 credits are required in the same world language, Native American language or American Sign Language **Ex.** French, Spanish, Arabic, any American Indian language, American Sign Language, Latin or Ancient Greek.

World Language credits earned in middle school may satisfy this requirement if they are high school level courses and indicated as such on the high school transcript.

Schools may award credit based on a district approved competency assessment consistent with the State Board of Education sample policy, the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines, or the Washington State Seal of Biliteracy (RCW 28A.300.575).

The world language requirement will be considered satisfied for applicants who complete their education through the seventh grade in a school or schools (a) where English was not the language of instruction and (b) in countries other than Australia, Canada, Ireland, New Zealand, United Kingdom or the United States.

Not accepted: other forms of sign language or computer "languages".

#### Meeting the CADRs through college coursework

In general, comparable college courses may substitute for CADRs not earned in high school. College students who earned one credit of a world language in high school must complete the equivalent of a second credit of the same language in college.

**Note**: College graduation requirements often include a third year of the same world language.

#### Social Science – 3 credits

These credits must be earned in history or any of the social sciences.

Meeting the CADRs through high school coursework	Meeting the CADRs through college coursework
3 credits are required in history or any of the social sciences.  Ex. anthropology, contemporary world problems, economics, geography, government, political science, psychology or sociology.  Not accepted: courses in religion, consumer economics, student government, or community service will not count towards the requirement.	Ex. anthropology, economics, ethnic studies, history, philosophy, political science, psychology, or sociology.

#### **How To Read The Course Descriptions**

English II Honors (1) ENG200-HRS (2) 10 (3) 1 YR (4)

**Prerequisite:** English I or English 1 Honors. Guidance from your current English teacher is recommended before enrolling in this rigorous class. Emphasis is on a sequence of experiences designed for truly independent learners and is intended for students with special talents and interests in English. Students need to be willing to read critically, write with depth, and have a strong work ethic.

#### \*Summer reading requirement\* (5)

Credit for graduation: English (6)

"Culture" is the thematic focus of the English II Honors curriculum. Students explore different cultures that reflect on the connection between one's cultural heritage and his or her sense of identity. Students apply their understanding of cultural identity through a variety of texts in a range of genres. Students are expected to have mastered the basics of writing and to be reading above grade level. Honors moves at a faster pace, delves more deeply, and requires daily homework/reading. This course includes a summer reading requirement. Information regarding the summer reading assignment is on the Kamiak High School website under the Library tab. (7) HW4 (8)

#### Key:

- 1. Course Title
- 2. Course Code: The code students enter for registration.
- 3. Grade Level: The grade level a student must be going into in order to take the class.
- 4. Semester or Year Long Class
- 5. Prerequisites: Requirements that you will need to meet in order to register and take the class.
- 6. Credit for Graduation: Which graduation credit category the class will cover
- 7. Course Description
- 8. Homework Hours: The average number of hours per week that this class will entail. Example: HW4 is up to four hours of homework per week.

Homework demands may vary somewhat depending on the individual teacher as well as the student's personal reading/processing skills.

#### A note about prerequisites

Under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English language arts, Math, and Science. Also, students who successfully complete the class can then enroll in the next most rigorous level of advanced courses. Please remember this when you see a prerequisite in the course description.

#### Career and Technical Education (CTE) Department

Career & Technical Education (CTE) courses prepare you to be Career and College Ready, with the skills and knowledge necessary to be successful in post-secondary education and training, and the workforce.



CTE classes meet your Occupational Education graduation requirement, and many classes can provide you with industry certifications and college credits while still in high school!

District approved equivalent courses can satisfy more than one graduation requirement. Some equivalent courses are simply approved to meet one requirement or another (for example, Dance can be a PE or Fine Arts). CTE equivalent courses are different as the course is placed on the transcript for one credit requirement, while also noted as "satisfying" a second graduation requirement. Note that credit is only awarded for one course; the student is still required to earn additional credit to meet the total credits required for graduation. Follow this link for the current list of approved equivalent courses. http://info.mukilteo.wednet.edu/board/policy/Pol/2163-PForm.pdf

#### Agriculture & Natural Resources Courses

COURSE TITLE	CREDIT AREA	CREDIT AMOUNT	GRADE LEVEL	DUAL/COLLEGE CREDIT
Environmental Science	Occupational / Lab Science	1.0	11,12	CTE Dual Credit

#### **Arts & Communication Courses**

COURSE TITLE	CREDIT AREA	CREDIT AMOUNT	GRADE LEVEL	DUAL/COLLEGE CREDIT
Graphic Arts	Occupational / Fine Arts	.5	10,11,12	CTE Dual Credit
Beginning Visual Communications (Video)	Occupational / Fine Arts	.5	9,10,11,12	CTE Dual Credit
Advanced Visual Communications	Occupational / Fine Arts	1.0	10,11,12	CTE Dual Credit
Web Design/Multimedia	Occupational / Fine Arts	.5	10,11,12	CTE Dual Credit
Work-Site Learning (work experience)	Occupational	.5 or 1.0	10,11,12	

#### Business, IT & Marketing Courses

Business Strategies & Operations	Occupational	1.0	10,11,12	CTE Dual Credit
Career Choices	Occupational	.5	11,12	CTE Dual Credit
AP Computer Science - A	Occupational / Math	1.0	10,11,12	CTE Dual Credit College in the HS
Computer Science: Advanced Topics/Projects	Occupational	1.0	12	College in the HS
AP Computer Science Principles	Occupational	1.0	10,11,12	CTE Dual Credit
Financial Independence Personal (1st semester) Career (2nd semester)	Occupational / Math	.5 or 1.0	11,12	CTE Dual Credit
Introduction to 3D Animation & Game Design	Occupational	.5	9,10,11,12	CTE Dual Credit
Introduction to Programming	Occupational	.5	9,10,11,12	CTE Dual Credit
Marketing, Business & the Entrepreneur	Occupational	1.0	10,11,12	CTE Dual Credit
Microsoft IT Academy Word/One Note (1st semester) Excel/PowerPoint (2nd semester)	Occupational	.5 or 1.0	9,10,11,12	CTE Dual Credit
Social Media Marketing	Occupational	.5	9,10,11,12	CTE Dual Credit
Sports & Entertainment Marketing	Occupational	.5	9,10,11,12	CTE Dual Credit
Travel & Tourism Marketing	Occupational	.5	9,10,11,12	
Work-Site Learning (work experience)	Occupational	.5 or 1.0	10,11,12	

#### Engineering, Manufacturing & STEM Courses

Engineering Design IA	Occupational	.5	9,10,11,12	
Engineering Design IB	Occupational	.5	9,10,11,12	
Engineering Design II	Occupational	1.0	10,11,12	
Manufacturing Technology IA	Occupational	.5	9,10,11,12	CTE Dual Credit
Manufacturing Technology IB	Occupational	.5	9,10,11,12	CTE Dual Credit
Manufacturing Technology II	Occupational	1.0	10,11, 12	CTE Dual Credit
Robotics	Occupational	.5	9,10,11,12	
Technical Math for the Trades	Occupational / Math	1.0	11,12	
Composites & Material Science Technology (Running Start)	Occupational / Science	3.0	12	Edmonds CC -Running Start
Work-Site Learning (work experience)	Occupational	.5 or 1.0	10,11,12	

#### Family & Consumer Science Courses

Careers In Education I	Occupational	1.0	11,12	CTE Dual Credit College in the HS
Careers In Education II	Occupational	1.0	12	CTE Dual Credit College in the HS
Cooking for Wellness	Occupational	.5	10,11,12	CTE Dual Credit
Intro to Culinary Arts	Occupational	.5	11,12	CTE Dual Credit
Human Development	Occupational	.5	11,12	College in the HS
Independent Living	Occupational	.5	11, 12	
Psychology / Interpersonal Relationships	Occupational	1.0	11, 12	College in the HS
Personal Choices	Occupational	.5	9,10	
Textiles & Design	Occupational	.5	9,10,11,12	CTE Dual Credit
Work-Site Learning (work experience)	Occupational	.5 or 1.0	10,11,12	

#### **Health & Human Services Courses**

Biotechnology	Occupational / Science	1.0	11,12	CTE Dual Credit
Forensic Science	Occupational / Science	1.0	11,12	CTE Dual Credit College in the HS
Sports Medicine	Occupational	1.0	10,11,12	CTE Dual Credit
Advanced Sports Medicine	Occupational	1.0	10,11,12	CTE Dual Credit
Adv. Sports Medicine Lab	Occupational	.5	10,11,12	
Work-Site Learning (work experience)	Occupational	.5 or 1.0	10,11,12	

#### **Agriculture & Natural Resources Courses**

Freshman Year	Sophomore Year	Junior Year	Senior Year
		Environmental Science	Environmental Science

**Environmental Science** 

**SCI200** 

11, 12

1 YR

Prerequisite: Biology; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Occupational / Lab Science

In this hands-on course you will learn about human impact on our environment – the quality of our water, air, soil, food – and how our choices and actions, such as pollution, chemical contamination, toxins, green design and sustainability, affect the world around us. This Environmental Science course

will focus on the Chemistry of Environmental Science. It meets two graduation requirements (CTE and Lab Science).

#### **Arts & Communication Courses**

Freshman Year	Sophomore Year	Junior Year	Senior Year
	Graphic Arts	Graphic Arts	Graphic Arts
	Stagecraft	Stagecraft	Stagecraft
Beginning Visual Communications	Beginning Vis Comm (Photo & Video)	Beginning Vis Comm (Photo & Video)	Beginning Vis Comm (Photo & Video)
	Web Design/ Multimedia	Advanced Vis Comm Web Design/ Multimedia	Advanced Vis Comm Web Design/ Multimedia
	Work-Site Learning (work experience)	Work-Site Learning (work experience)	Work-Site Learning (work experience)

Graphic Arts CTE
Dual Credit

CGA090 (S1) CGA091 (S2) 10, 11, 12

1 SM

Prerequisite: None. Solid foundation of computer skills and ability to plan, organize, and manage time and project schedule strongly recommended for all grades, especially for incoming freshmen.

Credit for graduation: Occupational / Fine Arts / Elective

Graphic Arts is a course designed to introduce the basics of Graphic Design. Students will learn the basics of the primary applications used in the industry: Adobe Photoshop, Illustrator, and InDesign. Additionally, we will introduce the principles and elements of graphic design through various projects and activities. The skills learned in Graphic Design can be applied to other production classes, such as Visual Communications and Yearbook.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

 Stagecraft IA and IB
 ACT191
 10, 11, 12
 1 YR or

 ACT192
 10, 11, 12
 1 SM

Prerequisite: Manufacturing Tech, or interest in building or play production, and teacher permission Credit for graduation: Fine Arts / Occupational / Elective

This is a hands-on theatre class that introduces all the technical aspects of producing a play. This is a class for independent students that can meet deadlines. This is a class where attendance is mandatory. This is a working class. The class includes units on lighting, set design, and set construction. Much of this knowledge is applied directly to our school's major productions. Five hours of production work out of class is required. Outside jobs at Everett Historical Theatre and other internships can result from this class. Motto: What you put into the class, is what you can take away from the class.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Beginning Visual Communications – Photo VCM291

9, 10, 11, 12

1 SM

Prerequisite: None. Completion of MS IT Academy is strongly recommended. Solid foundation of computer skills and ability to plan, organize, and manage time and project schedule strongly recommended for freshmen.

#### Credit for graduation: Occupational / Fine Arts / Elective

This course focuses on the importance of visual literacy through the study of digital photography. Students will work individually and collaboratively as they: learn technical skills, composition guidelines, enhance their visual story-telling, develop creativity, explore basic lighting techniques, and use industry-standard post-processing applications and techniques. Students will learn how to manipulate a camera's aperture, shutter speed, and ISO in Manual mode to capture exposures that are both technically sound and effective in communicating the creative story of the image. Potential careers paths in photography will also be discussed during the course.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Beginning Visual Communications – Video CTE Dual Credit VCM292 9, 10, 11, 12 1 SM

Prerequisite: None. Successful completion of VCM291 (Photography) is strongly recommended.

Completion of MS IT Academy is strongly recommended. Solid foundation of computer skills and ability to plan, organize, and manage time and project schedule strongly recommended for freshmen.

#### Credit for graduation: Occupational / Fine Arts / Elective

This class explores visual storytelling through digital video technology. It will prepare students to communicate dramatic information, ideas, moods and feelings through the video. It is a hands-on class that includes video camera operation, microphone use and placement, and digital editing techniques. Additionally, other skills involved in movie production will be introduced, such as producing, writing screenplays/scripts, directing, and the art of cinematography. Other topics will include copyright and intellectual property and ethics. The filmmaking skills acquired in this class will provide a foundation for personal media use, advanced post- secondary course work and the job market.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

**Advanced Visual Communications** 



10, 11, 12

1 YR

Prerequisite: Completion of Beginning Visual Communications Credit for graduation: Occupational / Fine Arts / Elective

This course will expand on the digital photography and video concepts covered in Beginning Visual Communications – Photo and Beginning Visual Communications – Video. Students will complete more complex projects as they continue to explore their individual style and skills using both digital video and photography. Further emphasis will be placed on developing more sophisticated visual concepts and increasing technical skills in digital cinematography/video, lighting, and post-production. Alternatively, students in this class may also choose to be part of the KTV News team, which produces the video school news broadcasts & features. This class is for students who enjoy digital photography/video and who have successfully completed VCM291 and VCM292 (Photography & Video).

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

10, 11, 12

1 SM

#### Credit for graduation: Occupational / Fine Arts / Elective

Get in touch with your CREATIVE side and make a SPLASH on the Internet! Go behind the scenes to learn the basics of designing and developing eye-catching web pages. Explore graphic design, web page layout, and how to effectively use color, fonts and navigation tools using fun software like Adobe Flash, Fireworks, and Dreamweaver. Your creative career in the technology arena is waiting for you!

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

#### **Business, IT & Marketing Courses**

Whatever your goals, Business and Technology can point you in the right directions with computer skills needed to compete in an information-oriented world – whether school or career, a technical understanding needed to adapt to our rapidly changing job market, the skills learned from hands-on experience using technology tools and business techniques, and the opportunity to earn community college credit in high school.

Freshman Year	Sophomore Year	Junior Year	Senior Year
	Business Strategies &	Business Strategies &	Business Strategies &
	Operations	Operations	Operations
		Career Choices	Career Choices
	AP Computer Science	AP Computer Science	AP Computer Science
		Computer Science: Adv. Topics/Projects (NEW)	Computer Science: Adv. Topics/Projects (NEW)
	AP Computer Science Principles (NEW)	AP Computer Science Principles (NEW)	AP Computer Science Principles (NEW)
		Financial Independence - Personal / Career	Financial Independence - Personal / Career
Intro to 3D Animation & Game Design (NEW)	Intro to 3D Animation & Game Design (NEW)	Intro to 3D Animation & Game Design (NEW)	Intro to 3D Animation & Game Design (NEW)
Intro to Programming	Intro to Programming	Intro to Programming	Intro to Programming
Microsoft IT Academy	Microsoft IT Academy	Microsoft IT Academy	Microsoft IT Academy
<ul> <li>Word/OneNote</li> </ul>	<ul> <li>Word/OneNote</li> </ul>	<ul> <li>Word/OneNote</li> </ul>	<ul> <li>Word/OneNote</li> </ul>
<ul> <li>Excel/PowerPoint</li> </ul>	<ul> <li>Excel/PowerPoint</li> </ul>	<ul> <li>Excel/PowerPoint</li> </ul>	<ul> <li>Excel/PowerPoint</li> </ul>
	Marketing, Business & The Entrepreneur	Marketing, Business & The Entrepreneur	Marketing, Business & The Entrepreneur
Social Media Marketing (NEW)	Social Media Marketing (NEW)	Social Media Marketing (NEW)	Social Media Marketing (NEW)
Sports & Entertainment Marketing	Sports & Entertainment Marketing	Sports & Entertainment Marketing	Sports & Entertainment Marketing
Travel & Tourism	Travel & Tourism	Travel & Tourism	Travel & Tourism
Marketing	Marketing	Marketing	Marketing
	Work-Site Learning (work	Work-Site Learning (work	Work-Site Learning (work
	experience)	experience)	experience)

Business Strategies & Operations (Student Store) MKT201 10, 11, 12 1 YR Prerequisite: Marketing Education, business class or teacher permission. (Semester class with teacher approval.)

Credit for graduation: Occupational / Elective

Students will operate and run the student store (known as the Kamy Shack) during fifth period. Students will learn the business functions involved in running a successful School-Based Enterprise, as well as the skills and attitudes required in any job. Students learn and practice real business skills. These include the exciting ways social media uses advertising and promotion to increase sales; and the very creative techniques used in merchandising and effective displays that bring customers into a store. In addition, the students will learn pricing strategies, the importance of market research and product development. With product development, the students will experience the skills needed to design and sell a variety of printed T-shirts in the store. The students also have an opportunity to receive a "Certificate of Achievement" by successfully completing training in all student store positions and responsibilities. This certificate is recognized by businesses and can be an asset during a job interview. The Kamy Shack has been an award-winning business and has received "Gold Certification" at the National DECA/Marketing Conference. Students have the opportunity to join DECA and to compete in the marketing competition every year to receive this certification. In addition to earning class credit, students may also earn work experience credit through Work-Site Learning (WKE090) by being enrolled in this class or another marketing class and work approximately 12 hours a week at a paid work site. No matter what career a student may choose, this class will help them obtain an entry level job while they are continuing their education or advancing their skill levels. This award-winning program is a great way for students to earn their occupational or elective credits.

Career Choices Dual Credit

*CCO090* 

11, 12

1 SM

(High School & Beyond Plan Completion)

Prerequisite: none

Credit for graduation: Occupational / Elective It is always a good idea to look into as many career paths and career ideas as possible before your senior year. Planning for a future career and deciding on what college will fit your needs can be overwhelming and very time consuming. This class will help you determine your career pathway. You will evaluate your interests, strengths, and weaknesses. You will research careers that interest you. You will learn where the jobs will be by the time you finish school. You will learn to set goals for yourself and understand the importance of time management. A key component of this class will be to complete your High School & Beyond Plan requirements for graduation.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

AP Computer Science A (Java) (Computer Programming II)



CSE 142-AP

10,11, 12

1 YR

Prerequisite: It is recommended to have successfully completed algebra II with a strong foundation of basic algebraic concepts dealing with function notation, problem solving strategies that require multiple approaches and collaborative efforts. It is important that students and their advisers understand that any significant computer science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.

Enrolled in Pre-Calculus or Beyond; OR, an A in Advanced Geometry, B in Alg. II Trig or Passed Honors

### Alg. II Trig; OR, a B or better in Intro to Computer Science or AP CS Principles Credit for graduation: Occupational / Math / Elective

This class is designed for students who are interested in or considering a career that relies on computer technology. No programming experience is necessary; however, a strong math/logic background is strongly recommended to increase the probability of success. Students will learn JAVA, an excellent programming language that is the current standard for AP Computer Science. Topics include: program development cycle, program syntax, writing code techniques, classes, data types, methods, conditionals, and repetition statements. Students will gain an in-depth knowledge of how computers execute programs. Students will start by building basic programs and build to complex programs that rely on many objects. Students will be given plenty of classroom time to work on projects, but some work at home will be required. University of Washington College in the High School credit is offered.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Computer Science: Advanced Topics/Projects

CSE143

11, 12

1 YR

(Post AP)

Prerequisite: Successful completion of AP Computer Science

Credit for graduation: Occupational / Elective

This class is designed for students who completed and enjoyed AP CS A and plan to pursue a career that relies on computer technology. Students will continue to learn JAVA. Topics include: Recursion, Collections, Linked Lists, Binary Trees and Advanced Algorithms. Upon completion of the advanced topics, students will develop and implement self-directed projects with guidance from the instructor. Students will be given plenty of classroom time to work on projects, but some work at home will be required. University of Washington College in the High School credit it offered.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

AP Computer Science Principles CSP100-AP 9, 10, 11, 12 1 YR
Prerequisite: Successful completion of Intro to Programming or Intro to 3D Animation & Game Design recommended .

Credit for graduation: Occupational / Elective / Math

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. The course covers many topics including the Internet, big data, digital privacy and security, programming and algorithms, and the societal impacts of computing. CS Principles is a course designed to prepare students who are new to computer science for the AP CS Principles exam.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.



CFF100B (S2)

11, 12

1 YR or 1 SM

Prerequisite:Successful completion of Algebra I, Geometry/Geometry Equivalent or teacher permission Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Occupational / Elective / Algebra I / Algebra II

Connect math to the real world – actively apply mathematical ideas to your everyday lives. Explore algebraic thinking patterns and functions in financial situations. See algebra translated into powerful, financially focused, real-world problems. Incorporate Algebra I, Algebra II/Trig, and Geometry in applications-based learning that incorporates budgeting; retirement; independent living; income taxes; employment basics; automobile ownership; consumer credit; banking services; modeling a business; the stock market. Invest a year – your skills will improve as math makes more sense and you will be more financially independent! This course may satisfy the required third Mathematics credit. Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Intro to 3D Animation & Game Design CTE Dual Credit GDA091



9, 10, 11, 12

1 SM

Prerequisite: None

Credit for graduation: Occupational / Elective / Fine Arts

Have you ever wondered how your favorite video game or animated movie is made? In this course, you'll explore the technologies behind creating digital entertainment. We begin by learning how to generate 3D models using mesh editing tools, then apply materials and textures to add authenticity to your models. We'll explore cameras, lighting, and world-effects to create realistic scenes and then bring your characters to life through animation. Throughout the course, we'll examine the game engine to provide interactivity to your projects. The game engine supports keyboard input and joystick control. You'll learn essential programming skills through logic blocks and Python scripting. You'll work in small teams to complete a capstone project: either an animation short or an interactive video game.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

**Introduction to Programming** 



CCG090

9, 10, 11, 12

1 SM

**Prerequisite: None** Credit for graduation: Occupational / Elective

Computer Science is about making a difference in the world, creating new things, and helping others. Computing enables innovation in a variety of fields that have an impact on our society. In this introductory course you will explore fundamental computer programming concepts and the big ideas of computing through computer graphics. You will explore the graphic methods of various computer languages and applications as you will design, story-board, and write simple computer games and simulations. Ethical and social issues in computing are explored, and careers in computing woven throughout the class. This course is designed for the student who would like some introductory experience in manipulating and programming computers, without the depth and time commitment of the AP Computer Science curriculum. Students who take this course can pursue their programming interests in AP Computer Science.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.



**Marketing Business & the Entrepreneur** 

**MKT200** 

10, 11, 12

1 YR

Prerequisite: None

Credit for graduation: Occupational / Elective

Learn current marketing skills and trends, and get a head start for your future career. The curriculum is taught in a fun and realistic approach. Previous students say their Marketing/DECA Class was one of the most valuable classes they took in high school. Students will work with business professionals to complete innovative and challenging projects. Learn what it takes to be an entrepreneur. Yes, do what you enjoy, exercise your creativity and be your own boss. Students will hear from quest speakers and visit businesses in Seattle. All students will have the opportunity to create a DECA competition project and compete at Area, State, and National Competitions. DECA members are also eligible to receive specific DECA Scholarships. You will not be disappointed in what you will learn and achieve from this course.

Note: You have the opportunity to earn College Credit through CTE Dual Credit.

You may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a marketing class and work approximately 10-12 hours a week.

Microsoft IT Academy (Word/One Note) CTE Dual Credit CDC090

CDC091

9, 10, 11, 12 9, 10, 11, 12 1 YR or 1 SM

(Excel/PowerPoint)

Microsoft Information Technology

Prerequisite: none

Credit for graduation: Occupational / Elective

The Microsoft IT Program is a career- and college-ready education program designed to provide students with the hands-on skills and experience that today's graduates need to succeed in technology careers. Earn the opportunity to acquire certification and be competitive in today's rapidly evolving workplace. Through the Microsoft IT Academy Program, our beginning course offers technology curriculum that includes E-Learning, student projects, and assessments. First Semester: MS Word Core, MS Word Expert and OneNote. Second Semester: Excel Core, Excel Expert and PowerPoint. CERTIFICATION / CTE DUAL CREDIT: You can earn the opportunity to: (1) test for Microsoft Certification and/or (2) receive College Credit.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Social Media Marketing

**SMM090** 

9, 10, 11, 12

1 SM

Prerequisite: None

Credit for graduation: Occupational / Elective

Did someone say Snapchat, Instagram or Twitter? Now that I have your attention, how would you like to be a part of a course where you will learn the value of Social Media Marketing, and how these fun communication tools can help you in a future career?

This course will teach students to look at social media in a new and more expansive way by requiring them to examine social media potential benefits and limitations, as well as appropriate ethical concerns,

when used for personal use. Learn why businesses use Social Media Marketing in almost all successful marketing strategies.

Students will explore case studies and actual examples of successful, as well as, less than satisfactory, marketing efforts that use such tools. The U.S. Bureau of Labor Statistics Occupational Outlook Handbook has predicted 14% average annual job growth for Business Professionals. However, they will need the skills to navigate today's digital world. Start now by learning real skills for tomorrow's jobs. Students are encouraged to participate in the DECA/Marketing Club to expand the skills and knowledge they receive in the classroom. Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a marketing class and work approximately 10-12 hours a week.

Sports & Entertainment Marketing CTE Dual Credit MKT091



9, 10, 11, 12

1 SM

"Show Me the Money" Prerequisite: none

Credit for graduation: Occupational / Elective

Today marketing—tomorrow money! The field of sports and entertainment marketing is rapidly growing. Careers in this area are increasing and so is the pay. This course will allow you to explore the intriguing world of sports and entertainment from the perspective of marketing. You will learn how your favorite sport team uses marketing to help bring fans to the games, and you will learn how your favorite entertainer uses marketing to become famous. Students will use a Sports & Entertainment Virtual Computer Program when following their favorite sports teams. The virtual sports' program is a fun way to learn how to run, operate, and market a real sports team. No matter what career area you pursue, basic marketing skills are a must and this course will teach them to you. Students will have the opportunity to hear from guest speakers in the sports and entertainment industry, as well as participate in field trips to Safeco Field, Century Link Field, Angel of the Winds Arena and Climate Pledge Arena. Through a variety of classroom activities and real business projects, students will learn why marketing is important to these multi-billion-dollar industries, and how marketing affects their lives. Students have the opportunity to join and participate in the DECA Club. DECA members can compete in area, state and national competitions. DECA is the largest youth organization in the nation and offers many scholarships each year.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a marketing class and work approximately 10-12 hours a week.

**Travel & Tourism Marketing** 

**MKT092** 

9, 10, 11, 12

1 SM

Prerequisite: none

Credit for graduation: Occupational / Elective

The field of travel and tourism is continuing to grow. What would be your dream vacation? Today marketing— tomorrow money, learn about career opportunities and begin to develop your marketing and business skills. This course will allow you to explore the exciting world of travel and tourism from the perspective of marketing. Ask yourself, what do airlines, hotels, resorts, restaurants, and cruise ships all have in common? They all use marketing to run a successful business, and they are all part of the travel and tourism industry. Students will be introduced to advertising and promotional techniques, sales skills, and market research activities. Understanding these marketing activities are a must for any business and for you as a consumer. Students will have the opportunity to hear from guest speakers and visit Seattle businesses that depend on travel and tourism. Through a variety of classroom activities and real business projects, students will learn why marketing is important to the billion-dollar

industry, and how marketing affects their lives. Students have the opportunity to join and participate in the DECA Club. DECA members can compete in area, state and national competitions. DECA is the largest youth organization in the nation and offers many scholarships each year.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a marketing class and work approximately 10-12 hours a week.

Work-Site Learning (Work Experience)

WKE090

10, 11, 12

1 YR or

1 SM

Prerequisite: Currently have a paying job or will have one within the first two weeks of the semester; currently enrolled in, or have previously taken, <u>a CTE course related to your job</u>; 16 years of age or older; work approximately 12 hours a week.

Credit for graduation: Occupational

A great opportunity for students who work to earn credit toward graduation. One half (.5) credit can be earned each semester if 180 hours of work are completed together with completed and approved learning goals, signed forms, and verified of hours by paycheck stubs. Up to one (1) credit per school year can be earned with a maximum of two (2) credit while in high school. Students can start counting their paid hours once the required paperwork has been signed by the student, parent, and employer and returned to the work experience coordinator (Mrs. Lane). Students must be enrolled in the work experience class the same semester they are working. Students are required to attend one class meeting each month.

#### **Engineering, STEM & Manufacturing Courses**

Freshman Year	Sophomore Year	Junior Year	Senior Year
Engineering Design I	Engineering Design I	Engineering Design I	Engineering Design I
	Engineering Design II	Engineering Design II	Engineering Design II
Manufacturing Tech I	Manufacturing Tech I	Manufacturing Tech I	Manufacturing Tech I
	Manufacturing Tech II	Manufacturing Tech II	Manufacturing Tech II
Robotics	Robotics	Robotics	Robotics
		Technical Math for the Trades	Technical Math for the Trades
			Composites & Material Science Technology
	Work-Site Learning (work experience)	Work-Site Learning (work experience)	Work-Site Learning (work experience)

**Engineering Design IA** 

CED191

9, 10, 11, 12

1 SM

Prerequisite: Have taken or are currently enrolled in Algebra 1 or higher.

Credit for graduation: Occupational / Elective

Thinking about a career in Engineering, Architecture, Design and/or Manufacturing? This hands-on course is an introduction to basic 3D Computer Aided Design (CAD) and technical drawing, and the engineering design process. You will learn to design and create 2D and 3D drawings, 3D models, and create cool projects using your newly developed skills, using the same software used by industry professionals.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site

Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

**Engineering Design IB** 

**CED192** 

9, 10, 11, 12

1 SM

Prerequisite: Engineering Design IA or teacher permission

Credit for graduation: Occupational / Elective

This course advances the skills developed in Eng. Design IA and will take 3D modeling to a whole new level! Using industry recognized software that you will learn in class, and using a 3D printer, create projects of your own design!

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

**Engineering Design II** 

**CED200** 

10, 11, 12

1 YR

Prerequisite: Engineering design IA and IB and Geometry

Credit for graduation: Occupational / Elective

Engineering Design II is a survey course of Engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers. Engineering Design II gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. This course provides a continuation of the skills learned in Engineering Design IA and IB. Students will be given the opportunity to advance their knowledge into more specific areas of technical design while refining CAD skills.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Manufacturing Technology IA

MTC191

9, 10, 11, 12

1 SM

**Prerequisite:** None

Credit for Graduation: Occupational / Elective / Geometry

Manufacturing Technology IA is a project-based, introductory course emphasizing woodworking processes used in industry. An introduction to the basic concepts of manufacturing and operation of machine tools. Students will develop and practice hand tool and machine safety, design process, drafting, problem solving, and modern manufacturing methods. Standards covered in this course are relevant to many colleges of engineering, technical or trade schools, and industry.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Manufacturing Technology IB

MTC192

9, 10, 11, 12

1 SM

Prerequisite: Manufacturing IA with a C grade or better; or teacher permission.

Credit for Graduation: Occupational / Elective / Geometry

Manufacturing Technology IB is a project-based course refining and further developing woodworking processes used in industry. Course work includes a review of basic lathe and grinding machine operations progressing into intermediate level techniques and setups used in modern manufacturing. Students will expand on hand tool and machine safety, design process, drafting, problem solving, and methods learned in Man Tech 1A. Standards covered in this course are relevant to many colleges of engineering, technical or trade schools, and industry.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Manufacturing Technology II



MTC200

10, 11, 12

1 YR

Prerequisite: Manufacturing IA & IB with a C grade or better; or teacher permission.

Credit for Graduation: Occupational / Elective / Geometry

Manufacturing Technology II is team and individual project-based course refining and advancing production techniques and using a larger variety of materials, including wood, plastics, and metals, and more advanced equipment like laser engravers. Students will expand on hand tool and machine safety, design process, drafting, problem solving, and modern manufacturing methods learned in Manufacturing IA and IB. Standards covered in this course are relevant to many colleges of engineering, technical or trade schools, and industry. You have the opportunity to earn College Credit. Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

**Robotics** 1 SM **CER090** 9, 10, 11, 12

Prerequisite: none

Credit for graduation: Occupational / Elective / Lab Science

In the Robotics class students will have the opportunity to design, program and build robotics simulations. Using CAD design programs and other computer software and hardware, students will learn how to control mechanical processes, and program their robot to pick up objects, make music and compete against other robots! Robotics is used in a wide variety of career fields, from Medicine to Manufacturing – learn skills to take you to the next level!

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

**Technical Mathematics for the Trades** 

**MFT100** 

11, 12

1 YR

Prerequisite: Successful completion of Algebra I and Geometry; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Occupational / Elective / Algebra II

This class incorporates a guided approach focusing on fundamental concepts of arithmetic, algebra, geometry, and trigonometry as they relate to the technology of trades and industry. The course

supports these concepts with practical applications in a variety of technical and career fields, including automotive, aerospace, allied health, welding, carpentry, and many others. This course with its rigorous high school level application-based math curriculum will provide mathematical knowledge essential in trades and facilitates the student's connection to the content. This course may satisfy the required third Mathematics credit.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Composites and Materials Science Technology XRS391 12 1 YR

Certificate Program – Edmonds Community College – Running Start

Prerequisite: Algebra 2 with a "B" or better; or College Accuplacer Assessment: Math 087

Credit for Graduation: 1.0 Science, 2.0 Occupational

College Credits: 15

**Class Time:** 12:30-1:20pm (M, W) & 12:30-2:10pm (T, Th); no class on Friday

Do you wonder how things are made? Have a keen eye for detail? Are you creative and love solving problems? Want a fun way to earn Science, CTE/Occupational and Elective credits toward graduation AND 15 college credits? Composites and Materials Science Technology combine materials to produce very strong, light-weight materials used in industries such as sporting goods, alternative energy, prosthetics, maritime and aerospace. Carbon fiber and fiberglass composites are used for building things like airplane wings, boats, skateboards or tennis rackets. Using the latest industry technologies and equipment, you will learn you will design, manufacture and test composite products! Mukilteo is partnering with Edmonds CC to create a unique opportunity for you to have priority registration in this year-long college certificate program that leads to internships, apprenticeship and employment with companies like Boeing, Fluke and many others in our region.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

#### Family & Consumer Science Courses

Freshman Year	Sophomore Year	Junior Year	Senior Year
		Careers in Education I	Careers in Education I
		Careers in Education II	Careers in Education II
	Cooking for Wellness	Cooking for Wellness	Cooking for Wellness
		Intro to Culinary Arts	Intro to Culinary Arts
	Human Development	Human Development	Human Development
Personal Choices	Personal Choices	Independent Living	Independent Living
		Psychology / Interpersonal Relationships (NEW)	Psychology / Interpersonal Relationships (NEW)
Textiles & Design (NEW)	Textiles & Design (NEW)	Textiles & Design (NEW)	Textiles & Design (NEW)
	Work-Site Learning (work experience)	Work-Site Learning (work experience)	Work-Site Learning (work experience)



11,12 1 YR

(Intro to Educ, Educ in Action, Educ Portfolio) EDUC250/256

**Prerequisite: None** 

Credit for graduation: Occupational / Elective

Have you ever considered becoming a teacher, counselor, or coach? This year long course will give you the "total teaching experience". First semester you will participate in observing classrooms throughout the district and learn teaching methods, learning styles, and classroom management. Second semester you will be matched with a mentor teacher at your preferred grade level for practical hands-on learning each day. Careers in Education is a college level course and offers the opportunity to earn college credits and/or waivers at colleges and universities in Washington State. Students may earn up to twelve college credits through the Everett Community College in the High School program. Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Careers in Education II

COLLEGE

EDUC250/256

*12* 

1 YR

Prerequisite: Careers in Education I

Credit for graduation: Occupational / Elective

During both semesters you will be matched with a mentor teacher at your preferred grade level for practical hands- on learning each day. Careers in Education 2 is a work-based learning course for students who want to continue working with a mentor teacher and class.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week. College credit may be obtained through College in the High School.

Cooking for Wellness 

CTE

Dual Cr



CNW191

10, 11, 12

**1 SM** 

Prerequisite: none

Credit for graduation: Occupational / Elective

In this course you will learn to prepare meals that are great tasting and healthy, understanding and applying the foundations of nutrition that lead to good health. You will become adept at principles of food preparation with an emphasis on vocabulary, safety, following directions, and creating a good quality product. You will be able to apply the knowledge to situations throughout your life. This class is recommended for students who are considering careers in any health-related field. Cook meals you will be proud of. CTE Dual Credit- you have the opportunity to earn college credit.Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Introduction to Culinary Arts ACTE

**HFF193** 

11, 12

**1 SM** 

Prerequisite: Cooking for Wellness

Credit for graduation: Occupational / Elective

Topics include knowledge and application of fundamental cooking techniques applied to careers within the food industry. Labs include soups, dairy, yeast breads, meats, and desserts of all kinds. This class is recommended for students who love to cook and are considering a career in any health or hospitality related field. Tech-prep - you have the opportunity to earn College Credit.Note: In addition to earning

class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Human Development (Child Development)



**EDUC&115D** 

10, 11, 12

11, 12

**1 SM** 

Prerequisite: none

Credit for graduation: Occupational / Elective

This course is an introductory course in child development. Emphasis will be placed on the physical, emotional, intellectual, and social factors relating to the development of children from birth through the lifespan. This course enables students to understand the many facets of our development. Students may earn college credit through the Everett Community College in the High School program in this course. Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Independent Living CIL090

1 SM

Prerequisite: none

Credit for graduation: Occupational / Elective

Planning to be on your own sometime in the future? This course will increase the independence of both college bound and work bound students. Learn about the various ways to finance your secondary education and how to manage your finances after graduation. You will create a resume to meet the HSBP requirement as well as learn how to interview for a job, understand your paycheck, taxes, savings and investing in your retirement. You will learn about credit and the world of digital banking through the use of budgeting simulation. Finally, you will develop strong purchasing skills as you learn about transportation options, insurance and renting an apartment.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Psychology / Interpersonal Relationships (General Psychology)



11, 12

1 YR

Prerequisite: none

Credit for graduation: Occupational / Elective

This is an introductory psychology course that focuses on the theory and application of psychology and healthy relationships. It will help you answer questions about why we behave the way we do focusing on the major theoretical perspectives in contemporary psychology. Topics include how the brain impacts our behavior, how we perceive situations and focus our attention, what motivates us, how emotions influence our behavior, the role our personality plays in developing relationships, and understanding abnormal psychology.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WK090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Personal Choices CPC193 9, 10 1 SM

Prerequisites: none

Credit for graduation: Occupational / Elective

Explore how your beliefs, culture and values will impact your future career, relationships, food, and consumer choices. You will gain the skills needed to achieve healthy relationships, understand the importance of goal- setting and develop effective communication skill to use in your life. Project-based learning is emphasized.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Textiles & Design



CTD091

9,10,11,12

1 SM

Prerequisites: none

Credit for graduation: Occupational / Elective

Textiles & Design prepares students for the knowledge, skills and practices required for careers in the apparel and interior design industry. The course units focus on introduction to fashion styling, wearable technology, history of costume and couture, textile composition, fashion illustration and sewing construction. Studies include the development of textile products, their distribution and use in terms of the psychological, social, economic, and physical needs of consumers. Course offers additional interest for students and may be repeated for credit.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

#### **Health & Human Services Courses Offered**

Freshman Year	Sophomore Year	Junior Year	Senior Year
		Biotechnology	Biotechnology
		Forensic Science	Forensic Science
	Sports Medicine	Sports Medicine	Sports Medicine
		Advanced Sports Medicine	Advanced Sports Medicine
		Adv. Sports Medicine Lab	Adv. Sports Medicine Lab
	Work-Site Learning	Work-Site Learning	Work-Site Learning
	(work experience)	(work experience)	(work experience)

Biotechnology BIT100 11, 12 1 YR

Prerequisite: Biology

Credit for graduation: Occupational / Science / Elective

Biotechnology is a hands-on Career and Technical Education course that can be viewed as a science shop class. This year-long course is ideal for students who are considering a career in the medical field or as a lab scientist. Students will explore a variety of topics including opportunities to learn about and work with DNA through gel electrophoresis, polymerase chain reactions, and genetic engineering/manipulation. We will learn about protein expression/synthesis and the importance of enzymes. Labs will investigate a range of topics such as toxicology, stem cells, personalized medicine for cancer patients and biofuels. Along with learning to work with DNA, protein, and bacteria, this class will

also cover lab safety, equipment operation and biological concepts essential to biotechnology. We will also debate topics relating to bioethics - just because scientists are able to do something, does that mean they should? To be successful, the student must be willing to maintain a professional attitude, comply with work safety guidelines, have an attention to detail, feel comfortable with calculations, and be enthusiastic about working with cells and molecules. Students are expected to be active participants in both labs and class discussions. If you enjoy doing hands-on activities in your science classes, this is the course for you.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Forensic Science





CJ&240

11, 12

1 YR

Prerequisite: Biology

#### Credit for graduation: Occupational / Lab Science / Elective

Forensic Science is a one-year course designed for students who are interested in majoring in science, chemistry, genetics, or police and criminal science. The course will cover a variety of topics including crime scenes, eyewitness testimony, trace evidence including hair and fiber analysis, fingerprinting, pathology, forensic entomology, forensic anthropology, DNA, blood spatter, ballistics and handwriting analysis. Math and trigonometry will be used in analyzing blood spatter and in calculating time of death. The course will involve problem-based learning and will require students to learn interviewing techniques and group participation in mock crime scenes and reconstructions. Labs will include handson opportunities to DNA analysis using restriction enzymes, determining time of death and body location from blowfly maggot species, identifying age, sex and race, as well as height from skeletal remains, dusting surfaces for fingerprints, and analyzing handwriting samples to determine forgery. Extensive reading and dealing with disagreeable odors will be expected and labs may require time outside of the classroom.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week. College credit may be obtained through College in the High School.

**Sports Medicine** 



**SPO200** 

10, 11, 12

1 YR

Prerequisite: none

Credit for graduation: Occupational / Elective

The Sports Medicine program is designed for students interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine related fields in addition to athletes interested in enhancing conditioning/performance through knowledge in such fields. This class will include class work and practical hands-on application in areas such as prevention, treatment, and rehabilitation of sports injuries, taping and wrapping of injuries, first aid/CPR, emergency procedures, and sports medicine careers. In addition, this class offers practical experience with local medicine specialists. Students will receive hands-on experience working with athletes in the training rooms.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

SPO300

10, 11, 12

1 YR

Prerequisite: Successful completion of Sports Medicine and/or Human Physiology

Credit for graduation: Occupational / Elective

**Advanced Sports Medicine:** 

This course builds on Sports Medicine as students gain a greater understanding of the structure and function of the human body as it relates to injury and illness. Students may, but are not required, to enroll in Sports Medicine Lab concurrently with this course. Students will integrate science, physical skill, and job readiness skills. The skills learned can be applied to real-life scenarios in sports and fitness. The standards of this course are based on the National Athletic Trainer's Association's six domains of responsibility/education, the Washington State Science Standards and the Career and Technical Education Therapeutic and Sports Medicine competencies standards.

Note: In addition to earning class credit, you may also earn Work Experience credit through Work-Site Learning (WKE090) if you are enrolled in a CTE class related to your job and work approximately 10-12 hours a week.

Advanced Sports Medicine - Lab: SPO090 10, 11, 12 1 YR (.5 cr)

Prerequisite: Concurrently enrolled in Advanced Sports Medicine

Credit for graduation: Occupational / Elective

Students in Sports Medicine Lab are concurrently enrolled in Advanced Sports Medicine and are referred to as Student Athletic Trainers (SATs). Students will work exclusively with one of the high school athletic teams or other clinical locations as well as on the field and will assist with the medical coverage of practices and sporting events. Credit will be given for completion of 90 after school hours during the year, and they will be supervised and monitored by the school's Athletic Trainer. SATs may put in hours immediately after school and/or during home and away games. A log of the SAT's hours worked must be submitted. Professionalism and reliability will be emphasized.

## **Elective Courses**

Attendance Office Assistant OFA092 10, 11, 12 1 SM Counseling Office Assistant OFA093 10, 11, 12 1 SM Main Office Assistant OFA091 10, 11, 12 1 SM

Prerequisite: none

**Credit for graduation: Elective** 

A student enrolled in this class must be able to do the following: assist in general alpha filing, pick up and deliver mail, run errands without varying from the task, answer the telephone properly, take messages, operate copy machine, collate and staple papers, maintain neatness in the work area, communicate well, follow through on assigned tasks. Students need to have excellent attendance and be able to maintain a cooperative, friendly attitude. This is a Pass/Fail class.

AVID 9 AVD100 9 1 YR

Prerequisite: teacher permission Credit for graduation: Elective

AVID 9 Elective course will teach students to identify and set goals for their future. By focusing on writing, inquiry, collaboration, organization, and reading (WICOR), students will learn more about their personal strengths, and see how they align with their goals. In AVID 9, students will learn more about

colleges and careers by performing personal research, collaborating with peers, hearing from guest speakers, and going on field trip experiences. Students will focus on practical skills that will serve them well in high school and beyond: a personal binder for organization, developing in note-taking and study skills, engaging in dialogue through Socratic seminars, and supporting one another academically through tutorials. By identifying how they learn best, students will be able to better own their academic experience, intentionally plan a course of study, and prepare for college options in their 9th grade year. Students will culminate the year with the start of a portfolio that will collect experiences for their time at Kamiak.

AVID 10 AVD200 10 1 YR

Prerequisite: teacher permission Credit for graduation: Elective

The AVID 10 Elective course will build upon the work done in the AVID 9 Elective. Students will extend their work in writing, inquiry, collaboration, organization, and reading (WICOR). As students progress one step closer to high school graduation, they will spend invest time exploring career options they may wish to pursue. They will spend time building a resume that will be added to the portfolio they began in AVID 9. Additionally, they will spend time refining and adjusting their academic learning plans and goals. An emphasis on writing and reading will support their learning in ELA courses as they prepare for college entrance expectations. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings.

AVID 11 AVD300 11 1 YR

Prerequisite: teacher permission Credit for graduation: Elective

The AVID 11 Elective course will build upon the work done in the AVID 9 and AVID 10 Electives. Students will extend their work in writing, inquiry, collaboration, organization, and reading (WICOR). During the course of this year, students will focus on the college application process. They will explore standardized tests, college essays, the FAFSA and financial aid process, and application process. An emphasis on writing and reading will support their learning in ELA courses as they prepare for college entrance expectations. We will continue to explore various careers through guest speakers and field trips. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will continue to engage in the tutorial process as they develop the skill of asking high level questions. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings.

Swimming Teaching Assistant CTA090 10,11, 12 1 SM

Prerequisite: teacher permission Credit for graduation: Elective

This is a course for students who have been selected by Mr. Erickson to help in the pool. You MUST have Mr. Erickson's permission before you sign up to be a Swimming Teacher Assistant. Students are limited to 2 total semesters as a TA per their high school career. This is a Pass/Fail class.

Debate DEB200 9, 10, 11, 12 1 YR

Prerequisite: teacher permission Credit for graduation: Elective

Students enrolled in this class will learn how to cross-question debate (team) as well as Lincoln Douglas Debate (Individual). Debating these subjects will also require learning research skills in preparation for debate tournaments. Students will participate in a variety of speech, impromptu and oral interpretations. The National Forensic League chooses topics each year. This class may be repeated for credit. This is a 7th period class only. **HW3** 

Introduction to Leadership LEA090 9,10,11,12 1 SM

Prerequisite: None

Credit for graduation: Elective

Students enrolled in the class should have a desire and an ability to serve as student-leaders but could benefit from the foundational content knowledge surrounding leadership skills and applications. This course is designed to give students the opportunity to learn the ways in which they become successful leaders in their school and community.

Leadership LEA100 11,12 1 YR

Prerequisite: teacher permission Credit for graduation: Elective

Leadership is a combination of advanced leadership content knowledge and direct application/experience in project management. Students in this class will look out for the needs of others and look for opportunities to meet those needs, and a significant requirement for this class is participation in activities beyond the school day. Furthermore, students accepted into Leadership will be expected to abide by a higher standard at all times, in and out of school, adhering to all school and district policies and procedures. Students found to be in violation of the rules, policies, and procedures listed under the Exceptional Misconduct category in the Student Handbook and/or Student Rules and Responsibilities Handbook will be subject to disciplinary action that may also include removal from leadership class.

Library Assistant LIB090 10, 11, 12 1 SM

Prerequisite: teacher permission Credit for graduation: Elective

This is a one semester course designed for Teacher' Assistants (TA) working in the school library. Students will learn and us basic information science concepts and practices used by libraries and other information-based employers. Students will develop skills in organization, management, and maintenance of educational resources (including books, magazines, electronic media, and online resources.) Students will be assigned such tasks as shelving books and non-print material. They will assist students on computers and be evaluated by criteria similar to that on an actual job. Skills to be learned include library layout. Dewey Decimal System, online research techniques and customer relations. Students need to have excellent attendance in this class. This is a Pass/Fail class.

Peer Mentoring PRM290 10,11,12 1 SM

Prerequisite: none

Credit for graduation: Elective and Special Education

Learn about being a peer mentor to students who have differentiated abilities. Understand how disabilities impact accessing the educational process and how curriculum and materials can be adapted and modified to meet student need. Act as a peer tutor by working with students. Provide social and behavioral modeling to support student growth.

Teacher Assistant CTA090 10, 11, 12 1 SM

Prerequisite: teacher permission Credit for graduation: Elective

This is a course for students who have been selected by a specific teacher to help in the classroom. You MUST have teacher permission before you sign you to be a Teacher Assistant. Students are limited to 2 total semesters as a TA per their high school career. This is a Pass/Fail class.

Yearbook ANN200 11, 12 1 YR

Prerequisite: teacher permission.

Credit for graduation: Elective / Occupational

Prerequisite: teacher permission. Contact Mr. Baer to sign up for consideration.

Credit for Graduation: Elective/Occupational

This course is designed for the planning, lay-out and production of the Yearbook. Students will become familiar with Photoshop and Indesign. Computer knowledge and previous photography experience is desired but not required. Students will learn graphic design, journalistic writing, and how to deal with the public in producing a purchased product that will chronicle the year in print and photos. Some outside of class time may be required to take photos of your assigned events/sections. Cameras will be provided. Students may take yearbook for one or two years. Editor re selected from the juniors in the class at the

end of the year. **HW2** 

## **English Department**

## **English Courses Offered**

COURSE TITLE	CREDIT AREA	CREDIT AMOUNT	GRADE LEVEL
English I	English	1.0	9
English I Honors	English	1.0	9
English Essentials I	English	1.0	9
English II	English	1.0	10
English II Honors	English	1.0	10
English Essentials II	English	1.0	10
English III	English	1.0	11
English III AP Lang & Comp	English	1.0	11

English IV	English	1.0	12
English IV AP Lit & Comp	English	1.0	12
Bridge to College English	English	1.0	12
Creative Writing	English / Elective	.5	10,11,12
Media Studies	English / Elective	.5	11,12

English I ENG100 9 1 YR

Prerequisite: None

Credit for graduation: English

English I helps students to learn and build on literary techniques within texts inside and outside of our Springboard textbook that focus on the transition to adulthood, commonly referred to as "coming of age" in terms of thematic focus. Students will explore the relationship between narrative voice and style through multiple lenses such as race, feminism, and inner emotional turmoil. **HW3** 

English I Honors ENG100-HRS 9 1 YR

Prerequisite: Guidance from your current English teacher is recommended before enrolling in this rigorous class. Emphasis is on a sequence of experiences designed for truly independent learners and is intended for students with special talents and interests in English. Students need to be willing to read critically, write with depth, and have a strong work ethic. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English

#### Credit for graduation: English

English I Honors is an exciting course for students who wish to build upon their knowledge of basic literary elements and develop a deeper understanding of how these elements are used cohesively to address complex issues. Students will be exposed to a wide range of texts in order to explore thematic topics such as race, coming-of-age, feminism, and inner emotional turmoil. While the Honors course is more writing extensive than English I, it is open for all students who enjoy reading and who are open to discussing how books of all genres intersect with and impact the world around them. \*Summer reading requirement\* HW7

English II ENG200 10 1 YR

Prerequisite: English I or English I Honors; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English

Credit for graduation: English

English II is a year-long course that explores the power of argument and the art of persuasion. Students read a variety of texts from Springboard and supplemental work including additional novels, plays, and poems. Expect to write multiple full-length essays and work on grammar, punctuation, vocabulary, creative writing, and an outside reading component. **HW5** 

English II Honors ENG200-HRS 10 1 YR

Prerequisite: English I or English I Honors; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English.

Guidance from your ninth-grade English teacher is recommended before enrolling in this rigorous class. Summer reading is a component of this course. English II is a year-long course that explores the power of argument and the art of persuasion. Students read a variety of texts from both the Springboard text and supplemental work including additional novels, plays, and poems. Expect to write multiple full-length essays and to work on grammar, punctuation, vocabulary, and creative writing. The class includes an outside reading component. Students are expected to have mastered the basics of writing, including sentence and paragraph structures. Also expect to read daily from a variety of genres; to work independently; to participate in class and small group discussions; to analyze literature for style, rhetoric, and characterization; to move at a fast pace; and to challenge yourself. Take this class if you attend school regularly and have a strong work ethic with the desire to improve your writing, speaking, and listening skills. Information regarding the summer reading requirement is on the Kamiak High School website under the library tab. \*Summer reading requirement \* HW3

English III ENG300 11 1 YR

Prerequisite: English II or English II Honors; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English

Credit for graduation: English

Credit for graduation: English

English III helps students explore the thematic focus of "The American Dream" through a study of how the idea of "being American" has changed over time from the 17th century to the present. Students will analyze and evaluate the connections between primary documents, personal narratives, and literary techniques that highlight political, social, and cultural contexts. In their work, students will make connections across different kinds of texts and genres to synthesize their own responses to the American Dream. **HW5** 

English III AP Language & Composition ENGL&101 11 1 YR

Prerequisite(s): English II or English II Honors; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English

Credit for Graduation: 1 English credit, College in the High School (Eng 101), and/or AP credit possible with successful completion of course

AP Lang is for those who want to command an argument. We dive into both written and spoken argument working to uncover the art of this much needed, frequently used form of communication. Students need to be willing to read critically, write with depth, and have a strong work ethic. Sharing of your ideas and working successfully both independently and in groups is required. Check with your current English teacher before enrolling in this college-level class for guidance about whether this class is right for you. \*Summer reading requirement\*

Language and Composition exam by interweaving skills and learning outcomes from both College Board and Everett Community College (English 101 course). The focus of this course is learning the art of argument and rhetoric. Course content is heavily focused on reading and analyzing classic and contemporary essays, with non-fiction as the emphasis. Much of our time together will center on bettering your writing skills in the various methods and modes. At the end of the course, you will have gained the skills to craft an insightful, well woven essay that argues and analyzes issues of importance in our world today. Please note, the advanced level of the reading and pace of completing assignments demand a high level of commitment. This course requires independent reading and homework during the school year and includes a summer reading requirement. Information regarding the summer reading assignment is on the Kamiak High School website under the library tab. **HW7** 

English IV ENG400 12 1 YR

Prerequisite: English III or English III AP; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English

Credit for graduation: English

In English IV, students will utilize the district-mandated curriculum, SpringBoard. The thematic focus of this curriculum for senior-year English is "gaining perspectives" in which students will learn how perspective is created and how it shapes one's perception of the world. Using SpringBoard, students will explore a variety of multicultural literature, complete informal and formal writing assignments, investigate cultural and political topics through current events, and practice applying Literary Theory (i.e., Reader Response Criticism, Cultural Criticism, Feminist Criticism, Historical Criticism, Marxist Criticism, Archetypal Criticism) to complex text to gain a broad and in-depth understanding of diverse human experiences. As students explore the SpringBoard curriculum, they will collaborate with classmates to extend understanding and create new meanings of the content. Students will develop formal writing skills that demonstrate a strong command of grammar, mechanics, and style in their written interpretation of ideas. In English IV, students will build academic vocabulary and develop important communication and critical thinking skills needed to obtain authentic success in college, career, and the world beyond. **HW5** 

English IV AP Literature & Composition ENGL&111 12 1 YR (Introduction to Literature)

Prerequisite: English III or English III AP; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in English

Credit for Graduation: 1 English credit, College in the High School (Eng 111), and/or AP credit possible with successful completion of course

AP Lit is a fast-paced, fun, and demanding class for those who love reading and don't hate writing, who are curious about studying nuances of literature in-depth, and who are highly motivated. We will read and analyze short stories, novels, poems, and plays -- mostly 20th and 21st-century literature, but with a heavy sprinkling of 19th century and earlier texts. You will be expected to have a strong work ethic and to share your ideas, to read critically, write with depth, and flexibly work both independently and collaboratively. Check with your current English teacher or counselor before enrolling in this college-level class if you have questions or for guidance about whether this class is right for you. \*Summer reading requirement\*

This course prepares you for future college-level classes and for the AP Literature exam by interweaving skills and learning outcomes from both College Board and Everett Community College (English 111 course). We will intensively study a variety of literary texts from ancient Greece to modern day, both world literature and American literature, written by diverse authors. You will learn to read closely and critically, to develop sensitivity to the nuances of language and literary expression, and to appreciate the intricacies and complexities of a text while analyzing its meanings. You will also learn to interpret texts and literary elements such as symbols with expertise and confidence both verbally and in writing. A significant focus of the class lies in refining your writing skills. You will leave this class able to compose solid and articulate college-level paragraphs, to organize essays logically, use evidence wisely, and to expertly analyze different genres of texts. This course requires extensive independent reading and homework during the school year and includes a summer reading requirement. Information regarding the summer reading assignment is on the Kamiak High School website under the library tab. **HW7** 

Bridge to College English BCE100 12 1 YR

Prerequisite: Students who score a 2 on the Smarter Balanced 10th grade assessment or teacher recommendation

Credit for graduation: English

The Bridge to College English Language Arts course is grounded in building critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the new state English language arts (ELA) learning standards for high school (Common Core State Standards). Students will read complex nonfiction and fiction texts focusing on issues of both current and enduring importance; evaluate the credibility of information; critique others' opinions; and construct their own opinions based on evidence. By the end of the course, students will use strategies for critical reading, argumentative writing, and independent thinking while reading unfamiliar texts and responding to them in discussion and writing. The course will also develop essential habits of mind necessary for student success in college, including independence, productive persistence, and metacognition. This course will count toward a student's senior English requirement. If a student is successful in this class, they can avoid remediation and placement testing when they enter college. This course is designed for students who score a 2 on the Smarter Balanced 10th grade assessment.

Creative Writing ENG292 10, 11, 12 1 SM

Prerequisite: none

Credit for graduation: English / Elective

Do you like to express your thoughts and ideas with words? Do you love word play? Do you like journaling or secretly write poetry? Do you have ideas for movie scripts, love to invent characters or stories, or draw your own comics for fun? If you've answered "yes!" to any of the above, or if you're simply curious and want to explore writing in different, non-academic genres, then this class is for you. Creative Writing explores the skills and techniques involved in creating a variety of literature, such as an autobiographical story, an original short story, a collection of poetry, a one act play or script, and anything else students want to work on. Some reading of different forms and genres of literature will be required but the focus of this class is on writing and sharing original work. You will be asked to stretch your imagination and to refine your skill and voice as a writer. In so doing, we're sure you'll discover new ways of creative written expression, whether this means writing a movie script, composing slam poetry, creating fantastical worlds for a short story or comic, or something entirely different. **HW3** 

Media Studies ENG392 11, 12 1 SM

Prerequisite: none

Credit for graduation: English / Elective

This class studies all forms of media (T.V., movies, social media, video games, newspapers and news magazines, etc.) with a focus on what's going on right now. Some topics covered will include critical analysis of fake news and conspiracy theories, news bias, advertising, censorship, and race and gender in media representation. You will be required to read newspaper articles throughout the semester and to examine various forms of media closely, critically, and with an open mind. Writing assignments will include position papers, mini-essays, and group projects. Come prepared to have discussions and to share your ideas in class. Appropriate for all students, including the college-bound. **HW3** 

## Fine and Performing Arts Department



#### **Graduation Requirements:**

One full year credit of Fine Arts is required for graduation, and an additional semester is required from either Fine Arts or Career and Technical Ed.

The Fine and Performing Arts Programs at Kamiak High School provide students with an artistic means of expression, one that involves both their passions and their emotions. By engaging in the artistic process of creating art, performing/presenting art, and responding to art, students have the opportunity to develop meaningful artistic literacy and skills. Kamiak is able to offer a variety of introductory and advance level courses in the four core art disciplines: Dance, Music, Theatre and Visual Arts.

In addition to developing artistic craft and aesthetic appreciation, students are taught an array of mental habits and essential life skills, such as visual-spatial abilities, perception, reflection, self-criticism, time management, teamwork and the willingness to experiment and learn from mistakes. An education that includes the arts provides unique modes of thinking, imagining and creating; crucial skills for 21st century students living in a rapidly changing world.

The following seven categories represent the sequence of courses from the Fine & Performing Arts Department, listed here in order from beginning/introductory courses to the most advanced. See individual course descriptions for further details, including any prerequisites and audition requirements. Please note that for a full year class, it is expected that the student will maintain enrollment the entire year, especially if class membership is awarded based on an audition process.

\*Courses taught out of Fine Arts department for which students may earn occupational credit.

Dance	Music Band	Music Choir	Music Orchestra	Theatre Arts	Visual Arts
Dance & Choreography	Concert Band	Choir-Chanson Tenor & Bass Voices	Intermediate Orchestra	Theatre Arts I	Art I
Music General	Symphonic Band	Choir-Chanson Soprano & Alto Voices	Philharmonic Strings	Theatre Arts II	Art II

Beginning Guitar	Wind Ensemble	Women's Vocal Ens (Bel Canto)	Adv. Philharmonic Strings	Theatre Arts III & IV	Art III
Intermediate Guitar	Chamber Winds	Concert Choir (Kantorei)		Musical Performance	Art IV
Advanced Guitar	Percussion Ensemble	Jazz Choir (Barbershop)		Improvisational Theatre I	AP Studio Art:
History of Pop Music	Jazz Ensemble			Improvisational Theatre II	2D Design Portfolio
*Music Theory AP	Advanced Jazz Ensemble			*Stagecraft IA, IB	Drawing Portfolio

#### Courses taught out of the Career/Tech Ed Department for which students may earn fine arts credit.

- Advanced Visual Communications
- Beginning Visual Communication Photo
- Beginning Visual Communication Video
- Graphic Arts
- Stagecraft
- Web Design/Multimedia

#### **General Music Classes**

Guitar GUI191 9, 10, 11, 12 1 SM

Prerequisite: none

**Credit for graduation: Fine Arts** 

This is a class designed to instruct students in the fundamentals of guitar playing. Students will learn to read tablature and music notation while exploring a variety of musical styles. Folk, classical, jazz and some popular music will be included. Previous experience with guitar playing is not required.

Intermediate Guitar GUI192 9, 10, 11, 12 1 SM

Prerequisite: Guitar I or teacher permission

**Credit for graduation: Fine Arts** 

Students will develop the skills introduced in beginning guitar, such as reading notation and tablature, barre chords, and more complicated chords will be introduced. Students will perform in guitar ensembles and have opportunities to improvise and create arrangements from popular music. This fine arts course is open to students who have completed Guitar I or have had a conference with the instructor.

Advanced Guitar GUI193 10, 11, 12 1 SM

Prerequisite: Intermediate Guitar or teacher permission

**Credit for graduation: Fine Arts** 

This course is designed for students with fluent guitar technique, reading skills in both tablature and standard notation, and beginning fret board theory. Performance topics include creating improvised scales based on major and minor scales, blues scales and various modes, advanced finger-picking and classical technique. Students will be encouraged to create their own classical and popular style ensembles and will work on the skills needed to create a successful "garage rock band".

**History of Popular Music** 

MUS192

9, 10, 11, 12

1 SM

Prerequisite: none

**Credit for graduation: Fine Arts** 

This course is designed to teach an understanding and appreciation for popular music from the mid-19th century folk songs through jazz, blues, rock and roll, and 60's social change music to present day hip-hop and R&B. The relationship of musical styles from era to era, and how past styles relate to the music we enjoy today will be emphasized. This course is mainly a listening appreciation course but will contain hands-on projects and assignments geared towards learning basic song form and broadening understanding.

Music Theory, AP

MUS400-AP

11, 12

1 YR

Prerequisite: teacher approval

Credit for graduation: 1.0 Fine Arts OR .5 Occupational/.5 Fine Arts

This year long class is for advanced music students (including piano and guitar players) who have an interest in learning more about music notation, harmony, tonality, form, scoring, and composition. The study of music theory will make you a better performer and a better listener of music, as we learn the theory of tonal harmony, we develop our aural skills, and we learn to analyze the music to discover the composer's intent through the musical structure. Students considering music major or minor in college are encouraged to take this course and students will have the opportunity to receive credit through successful achievement on the Advanced Placement exam. Daily homework is required.

**Music Band** 

Concert Band BND100 9 1 YR

Prerequisite: none

Credit for graduation: Fine Arts

This band is open to any student with middle school experience playing either a percussion or wind instrument. This ensemble will focus on scale and etude technique, aesthetic sensitivity, and music performance. Students are expected to attend evening concerts

Symphonic Band BND200 9, 10 1 YR

Prerequisite: BND100 or audition Credit for graduation: Fine Arts

This intermediate band is for students who have successfully completed course objectives in Concert Band. For the first quarter, students in this ensemble will be members of the Kamiak Show Band and will be expected to attend home football events, evening marching rehearsal, basketball games, competitions, and tours. The remainder of the year will be spent on concert literature, continuing the development of instrumental technique, aesthetic sensitivity and music performance.

Wind Ensemble BND300 10, 11, 12 1 YR

Prerequisite: BND200 or audition Credit for graduation: Fine Arts

This advanced band is for students who have successfully completed course objectives in Symphonic Band/Concert Band. For the first quarter, it is recommended that students in this ensemble will be members of the Kamiak Show Band and will be expected to attend home football events, evening marching rehearsal, basketball games, competitions, and tours. The remainder of the year will be spent

on advanced concert literature for large bands. Men may use a school tuxedo for a \$15 per year usage fee.

Chamber Winds BND301 10, 11, 12 1 YR

Prerequisite: Audition

**Credit for graduation: Fine Arts** 

This is an advanced band with membership by audition only. Students in this ensemble will be members of the Kamiak Show Band and will be expected to attend basketball games, competitions and tours, full orchestra and solo and ensemble festivals. Most of the year will be spent on advanced concert literature for smaller bands; ensemble is limited to sixty musicians. Members of the ensemble will represent Kamiak at various band festivals around the state. Men may use a school tuxedo for a \$15 per year usage fee.

Percussion Ensemble BNP100 9, 10, 11, 12 1 YR

Prerequisite: audition

**Credit for graduation: Fine Arts** 

This ensemble is for all percussionists. The fall is dedicated to the Show Band Drum Line and Front Ensemble, and the rest of the year focuses on large and small percussion ensemble, world percussion, composition, and preparing music to perform with the bands and orchestras. All students will work on technique for all percussion instruments, including snare drum, timpani and mallets.

Jazz Ensemble BNJ100 9, 10, 11, 12 1 YR
Prerequisite: (note this is a "0" period class) Concurrent membership in BND100/200/300/400
Credit for graduation: Fine Arts

Music performed will emphasize swing, Latin, and some popular styles. Students will be introduced to improvisation techniques, jazz history, and theory. Members of the Jazz Ensemble will provide music at home basketball games, assemblies, and other special events. This ensemble will attend some festivals around the state, both in and outside the school day. Uniform is required. Concurrent membership in Concert Band, Symphonic Band, Wind Ensemble, or Chamber Winds is required.

Advanced Jazz Ensemble BNJ200 10, 11, 12 1 YR

Prerequisite: (note this is a "0" period class) Audition and concurrent membership in

BND100/200/300/400

**Credit for graduation: Fine Arts** 

Music performed will emphasize swing, Latin and some popular styles. Students develop advanced improvisation techniques, Jazz history, combo performance and theory. Members of the Jazz Ensemble will provide music at home basketball games, assemblies, and other special events. This ensemble will attend many festivals around the state, both in and outside the school day. Uniform required. Concurrent membership in Percussion Ensemble, Concert Band, Symphonic Band, Wind Ensemble or Chamber Winds is required.

#### Music Choir

Choir – Chanson – Tenor & Bass Voices CHC100Z 9, 10, 11, 12 1 YR
Choir – Chanson – Soprano & Alto Voices CHC100 9, 10, 11, 12 1 YR

Prerequisite: none

**Credit for graduation: Fine Arts** 

These choirs are open to all interested students. It is highly recommended for freshmen who wish to be placed in audition choir as upper classmen but is open to all Kamiak students interested in voice and choral training. This group performs at choir concerts and school assemblies throughout the year. Different varieties of choral literature will be explored. Students will learn vocal technique and how to read music. A uniform is provided.

Choir (Bel Canto) CHC101 10, 11, 12 1 YR

Prerequisite: audition

**Credit for graduation: Fine Arts** 

Bel Canto is comprised of a select group of 10th through 12th grade students. A variety of musical styles, including popular and classical literature for women's choir will be performed. This group is an advanced choral group that performs at concerts throughout the year, as well as travels to state and national festivals. The students continue to learn sight singing and basic music theory for the choral musician. Attendance at all concerts is required. A uniform is provided. Outside practice and occasional homework is required.

Concert Choir (Kantorei) CHC300 10, 11, 12 1 YR

Prerequisite: audition

**Credit for graduation: Fine Arts** 

This class is comprised of a select group of 10th through 12th grade students who study and perform a variety of choral literature and continue studying basic music theory and how to sight sing music. The group is a highly polished performing ensemble designed for the student interested in learning challenging music, performing extensively and participating in state and national festivals. Attendance in class and at all concerts is required. Occasional homework and outside practice is required. A uniform is provided.

Jazz Choir (Barbershop) CHJ200 10, 11, 12 1 SM

Prerequisite: Audition and concurrent membership in CHC101/300

**Credit for graduation: Fine Arts** 

This is the advanced performing choir for 10th through 12th grade students. This ensemble is a highly polished performing ensemble designed for the student interested in learning challenging vocal jazz and barbershop arrangements. This choir also performs extensively and participates in state and national festivals. Concurrent membership in Bel Canto or Kantorei is required. This is a seventh period class that meets first semester only.

#### **Music Orchestra**

Intermediate Orchestra

**ORC101** 

9, 10, 11, 12

1 YR

Prerequisite: At least two years of instruction on a stringed instrument or teacher permission.

**Credit for graduation: Fine Arts** 

Intermediate Orchestra is the string ensemble for violin, viola, cello, double bass and harp players who have had at least three years of experience. In preparation for Philharmonic Strings, players will be provided a technical foundation, introducing and reinforcing new position work and bowing styles. Performances include evening concert, festivals, and chamber recitals. Fees could include: Regional Solo/Duet Fee \$10 - \$15

**Philharmonic Strings** 

ORC200

9, 10, 11, 12

1 YR

Prerequisite: Intermediate Orchestra or audition

**Credit for graduation: Fine Arts** 

This string ensemble is designed for advanced violin, viola, cello, double bass and harp players who have mastered positions I-V, vibrato, and can use a variety of bowing styles. While focusing primarily on works for strings, students will be given opportunities to perform with winds and full orchestra, as well as in chamber ensembles. Performances include evening concerts, festivals around the state and chamber recitals. Men may use a school tuxedo for a \$10 per year usage fee. Other fees could include: Regional Solo/Duet Fee \$10 - \$15.

**Advanced Philharmonic Strings** 

**ORC300** 

10, 11, 12

1 YR

Prerequisite: Audition

**Credit for graduation: Fine Arts** 

Like Philharmonic Strings, this orchestra will work on both string and full symphonic orchestra literatures. This most advanced string ensemble requires audition and is required for members of the chamber orchestra, the Kamiak Uber Kammerstreich. Performances include evening concerts, festivals around the state and chamber recitals. Men may use a school tuxedo for a \$15 per year usage fee. Other fees could include: Regional Solo/Duet Fee \$15, All-State/All-Northwest Fee \$190, and a Kammerstreich Clinic Fee \$130.

#### Theatre Arts

Theatre Arts I

**ACT195** 

9, 10, 11, 12

1 SM

Prerequisite: none

**Credit for graduation: Fine Arts** 

Theatre Arts I is a one semester course for all students who want to increase their self-confidence, creativity, thinking and problem-solving skills. Basic acting skills are developed first with low-risk group activities, and then build to individual and small ensemble performances. Units on concentration, movement, stage directions, pantomime, vocal expressions, and play analysis are included. Theatre Arts II is offered in the spring, for a full year experience. Performing is expected on a daily basis.

Theatre Arts II ACT295 9, 10, 11, 12 1 SM

Prerequisite: Theatre Arts I Credit for graduation: Fine Arts

This course is a continuation of Theatre Arts I and is designed for students who have been "bitten with the acting bug" -- including more public performances. Course topics include: introduction to directing (much like Drama fest), a class play with in-class rehearsals and public performances, a "Monty Python" style sketch comedy production, with an emphasis on developing the cockney accent and finally. Theatre Arts II will prepare aspiring thespians for Performance Class (Theatre Arts III/IV) audition with the final monologue unit. Class members are eligible to attend Theatre IV field trips and the State Conferences. ACT 194 is offered second semester for students who wish to take ACT 193 in the first semester.

 Theatre Arts III
 ACT391
 11, 12
 1 SM

 Theatre Arts IV
 ACT392
 11, 12
 1 SM

Prerequisite: Audition, Theatre Arts I, Theatre Arts II, and/or Musical Theatre

**Credit for graduation: Fine Arts** 

This is the school Performance class, designed to allow all students to experience the thrill of live performance. Class expectations include lengthy after school rehearsals as all units involve some kind of public performance. Supplying our school and community with a variety of quality performances in a wide of variety of theatre genres. Theatre Arts III units include Dramafest, Playwriting and Winter Play, while Theatre IV is focused on the Traveling Children's Show, college auditions, and exploring careers in the wonderful world of theatre. Class membership is based on audition; it is expected that students will enroll for both semesters.

Improvisational Theatre I ACT291 9, 10, 11, 12 1 SM

Prerequisite: none

**Credit for graduation: Fine Arts** 

Improvisational Theatre develops many of the same skills as the traditional theatre arts curriculum, but instead of recreating the playwright's characters, the actors create their own! This class is designed for both the performance and non-performance personality, No right or wrong answers, no memorization of lines required, just a great attitude. AKA Theatre Sports, students work in teams to create the unique scene, based on skills developed around the C.R.O.W. technique: Character, Relationship, and Objective and Where. Students will learn spontaneity, concentration, listening skills, and acting skills. The class will end with a live theater sports match with an audience.

Improvisational Theatre II ACT 292 10, 11, 12 1 SM

Prerequisite: Improvisational Theatre I

**Credit for Graduation: Fine Arts** 

Improv and Theatre Sports allow students the opportunity to act on their natural spontaneity, as well as develop skills in the areas of confidence, poise, quick thinking and decision-making. Concepts introduced in Improv I such as trust, character development, scene work and plot design are further refined and developed, while emphasizing

more advanced concepts such as space work, justification, commitment, and especially ensemble work. Improv II will focus on storytelling techniques, group work, and offer deeper challenges in spontaneity, narrative and endowment. Improv II students will be involved in a number of performances and competitions during and after school. This course may be repeated for additional elective credit.

Musical Performance ACT395 9, 10, 11, 12 1 SM

Prerequisite: Audition/teacher permission

**Credit for graduation: Fine Arts** 

Note: this class is held 7th period, second semester only.

Students will learn the joys, frustrations, and satisfactions of producing the spring musical production. During this course, students will learn music, vocals, choreography, and acting for the musical. Focus will be on ensemble work, character relationship development, and individual character development. Included will be aspects of production including stagecraft, marketing and public relations, and costuming. This is a working class which includes additional out of class time for rehearsals. Students will be required to attend 100% of performances and dress rehearsals for a passing grade.

 Stagecraft IA
 ACT191
 10, 11, 12
 1 SM

 Stagecraft IB
 ACT192
 10, 11, 12
 1 SM

Prerequisite: Manufacturing Tech, or interest in building or play production, and teacher permission Credit for graduation: Fine Arts/Occupational

This is a hands-on theatre class that introduces all the technical aspects of producing a play. This is a class for independent students that can meet deadlines. This is a class where attendance is mandatory. This is a working class. The class includes units on lighting, set design, and set construction. Much of this knowledge is applied directly to our school's major productions. Five hours of production work out of class is required. Outside jobs at Everett Historical Theatre and other internships can result from this class. Mott: What you put into the class, is what you can take away from the class.

#### **Visual Arts Courses**

Art I ART100 9, 10, 11, 12 1 YR

Prerequisite: none

Credit for graduation: Fine Arts

Art I is an introductory course that explores the Elements and Principles of Design. Students will cultivate creative thinking, visual literary skills, self-expression, and 21st century skills that will take them beyond the classroom. Projects will reflect 2- and 3-Dimensional design within a range of media. The Visual Art Program is a sequential and thematic program. Each course narrows in scope and sequence as students gain skill and understanding. The Essential Question for Art I: "How is Art a Global Experience?"

Art II ART200 10, 11, 12 1 YR

Prerequisite: Art I or teacher permission with portfolio submission

**Credit for graduation: Fine Arts** 

Art II is the second year of our sequential, thematic Visual Arts Program. The Essential Question: "How do Artists Make Connections?" will guide students through 2- and 3-dimensional projects. As students gain understanding and skill, creative processes are expanded to broaden self-awareness and expression.

Art III ART300 11, 12 1 YR

Prerequisite: Successful completion of Art II or Teacher Recommendation/Art Portfolio Conference Credit for graduation: Fine Arts

The third course in our Visual Arts sequential program, students will begin to narrow their scope of study to within themselves and their personal visual story. The Essential Question for exploration will be:

"What is Visual Voice?" Students will also work on Portfolio Development, Critique and Discussion, Career and College, Scholarships, and Competitions.

Art IV ART400 11, 12 1 YR

Prerequisite: Successful completion of Art II or Teacher Recommendation/Art Portfolio Conference Credit for graduation: Fine Arts

This is a course for the highly motivated and qualified art student. Art IV is the last course in our sequential Visual Arts program that is thematic in scope and structure. The Essential Question Art IV students will investigate will change yearly. Depth and breadth of projects will encompass the essential question. Students can expect to participate in Portfolio Development, Critiques and Discussions, Competitions, Scholarships, Career and College, Group and Individual work and Art Leadership.

AP Studio Art: 2D Design Portfolio ART503-AP 11, 12 1 YR

Prerequisite: Art IV and teacher permission

**Credit for graduation: Fine Arts** 

Designed for students with a serious interest in art, AP Studio Art—General Portfolio courses enable students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, the courses typically emphasize quality of work, attention to and exploration of a particular visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP Studio Art—General Portfolio evaluations require submission of artwork exemplifying talent in drawing, color organization, design, and sculpture.

AP Studio Art: Drawing Portfolio ART502-AP 11, 12 1 YR

Prerequisite: Art IV and teacher permission

**Credit for graduation: Fine Arts** 

The Drawing Portfolio is intended to address a very broad interpretation of drawing issues and media. A variety of drawing issues are addressed: line quality, light/shade, rendering of form, composition, surface manipulation, and depth illusion; the means for drawing could include painting, printmaking, mixed media, etc., and both abstract and observational works may demonstrate competence — there is no preferred (or unacceptable) style or content. Note: any work submitted in the Drawing Portfolio that incorporates digital or photographic processes must address issues such as those listed above and using computer programs merely to manipulate photographs through filters, adjustments or special effects is not appropriate. Links to student work in the Drawing portfolio can be found on AP Central at apcentral.collegeboard.com/studio drawing. The portfolio for Studio Art Drawing requires submissions in three distinct sections: SECTION I: Breadth- 12 images of 12 different works; one image of each is submitted

SECTION II: Concentration-12 images; some may be details SECTION III: Quality-Five actual drawings; maximum size is 18" x 24"

Dance

Dance and Choreography ACD100 9, 10, 11, 12 1 YR

Prerequisite: audition

Credit for graduation: Fine Arts/PE

Students in this class form the Kamiak High School Dance Team. Various styles of dance, with an emphasis on jazz, high kick, and lyrical styles will be the basis of the dance routines students choreograph and perform. Competitions, including districts and the State championships, are among the team's many

performances. A studio background in either ballet or jazz is beneficial but not essential. Practices begin in early late June/early July. A minimum of two days of after-school practices per week is standard.

#### Career & Technical Education Courses with Fine Arts Equivalencies

Graphic Arts CGA090 10, 11, 12 1 SM

**Prerequisite: 9- Teacher Recommendation required for freshmen; 10, 11, 12 – None Credit for graduation: Occupational/Fine Arts**See pg 30 for course description

Beginning Visual Communications -Photo VCM291 10, 11, 12 1 SM

**Credit for graduation: Occupational/Fine Arts** See pg 31 for course description.

Beginning Visual Communications – Video VCM292 10, 11, 12 1 SM

**Credit for graduation: Occupational/Fine Arts** See pg 31 for course description.

Advanced Visual Communications VCM300 10. 11. 12 1 YR

Credit for graduation: Occupational/Fine Arts See pg 31 for course description.



## **Health and Fitness Department**

Course Title	Credit Area	Credit
Aerobic Walking	PE	.5
Aquatic Instructor Training	Elective	.5
Dance and Choreography	PE /Fine Arts	1.0
Health	Health	.5
Individual Sports	PE	.5
Latin Aerobic Dance	PE	.5
Lifeguard Training	PE	.5
Sports Officiating	PE	.5
Sports Medicine	Occupational	1.0
Stress Management through	PE	.5
Lifetime Fitness		
Team Sports	PE	.5
Unified Aerobic Walking	PE	.5
Unified Physical Education –	PE	.5
Team Sports		
Water Sports	PE	.5
*Weight Training	PE	.5
Weight Training Adv	PE	.5
Yoga	PE	.5
Yoga II- Fitness & Conditioning	PE	.5

<sup>\*</sup>Note —Students who register for 0-hour weights will be expected to arrive at school dressed and ready to go for the class. Students will have access to the Gym foyer restrooms, but the locker rooms will not be available until after 0 period has ended.

Students participating in Physical Education classes will be required to wear suitable clothing for active participation. Each student is required to bring their own pad lock to secure their belongings in their PE locker.

Health Course

Health HEA191 9 1 SM

Prerequisite: None

Credit for graduation: Health

Health explores the areas of mental health, consumer education, nutrition, drug abuse (including alcohol and tobacco), diseases, first aid, and human growth and development. Class discussion and research contributes to the understanding of various health topics and relates closely to the problems teenagers face today. Information is also obtained through films, lectures, and guest speakers. Various topics of general interest to teenagers are also examined including suicide, exercise, relationships, and nutritional choices.

### **Physical Education Courses**

Aerobic Walking PED199 9, 10, 11, 12 1 SM

Prerequisite: None

Credit for graduation: Physical Education

This class is designed for students interested in participating in a daily walking program. Students will power walk daily as a means of improving overall fitness and body composition. Students will also learn about the importance of proper nutrition. Students should expect to walk approximately three miles each day. Most of the walking will be done outside with the exception of the days of inclement weather.

Aquatic Instructor Training ACQ191 10, 11, 12 1 SM

Prerequisite: Lifeguard Training – 9th graders may take with teacher permission Credit for graduation: Physical Education

Students will learn various methods for teaching swimming skills for the beginning to advanced level swimmer. The instruction programs of the Red Cross, Swim America and others will be examined. Students will have the opportunity for certification in aquatics instruction by the Mukilteo School District.

Dance and Choreography ACD100 9, 10, 11, 12 1 YR

Prerequisite: Audition in the spring

Credit for graduation: Physical Education or Fine Arts

Students in this class form the Kamiak High School Dance Team. Various styles of dance, with an emphasis on jazz, will be the basis of the dance routines, students choreograph and perform. Competitions, including Districts and the State Championships, are among the team's many performances. A studio background in either ballet or jazz is beneficial, but not essential. Practices begin in early July. A minimum of two days of after school practices per week are standard. **HW7** 

Individual Sports PED195 9, 10, 11, 12 1 SM

Prerequisite: None

Credit for graduation: Physical Education

Students will be introduced to a variety of activities designed to develop lifetime leisure interest and skills. Activities may include: golf, tennis, bocce ball, archery, bowling, badminton, pickle ball, and table tennis. Each physical education course will include personal fitness components.

Latin Aerobic Dance PED193 9, 10, 11, 12 1 SM

Prerequisite: None

Credit for graduation: Physical Education

Latin Dance exercises are activities designed to elevate the heart rate for improvement in cardiovascular fitness. Latin dance includes a wide range of dances originating in Latin America, Puerto Rico, Columbia and Cuba. Examples include: Samba, Salsa, Merengue, Quebradita, Cumbia., Reggaeton, Clypso, Hip Hop, and Carribbean Island Rythym.

Prerequisite: Basic swimming skills Credit for graduation: Physical Education

Students will be instructed in all areas of life guarding including rescue techniques and skills, spinal injury management, first aid, and CPR. Emphasis will be placed on accident and injury prevention and developing and maintaining general fitness in order to perform life guarding duties. Students will also have the option of obtaining Red Cross Certification.

Sports Officiating PED192 10, 11, 12 1 SM

Prerequisite: Student must be age 16 or older or turn age 16 during the school year Credit for Graduation: Physical Education

Sports Officiating is a course designed to provide students training and practical experiences, knowledge and expertise necessary to officiate games at local and NFHS level. This course may cover officiating football, basketball, wrestling, volleyball, soccer, baseball and/or softball. Upon completion of the course students will be afforded the option to take certification exams for any of the sport components and become a certified official through the Washington Officials Association. Practical hands-on experience will be provided as well as guest speakers and opportunities for mentorship by current practicing officials. HS year 2 – Standard 2 – students will apply knowledge of concepts, principles, strategies and tactics related to movement and performance; HS year 2 – Standard 4: students will exhibit responsible personal and social behavior that respects self and others. (1-4); HS year 2 – Standard 5 – students will recognize the value of physical activity for health, enjoyment, challenge, self-expression and social interaction.

Team Sports PED196 9, 10, 11, 12 1 SM

Prerequisite: None

**Credit for Graduation: Physical Education** 

Team Sports activities may include: flag football, basketball, softball, speedball, volleyball, lacrosse, and floor hockey. Sportsmanship, cooperation, strategy and the promotion of healthy competition are aspects of this course. Each physical education course will include personal fitness components.

Unified Aerobic Walking PED094 9, 10, 11, 12 1 SM

Prerequisite: none

Credit for graduation: Physical Education and Elective

Unified Physical Education provides a unique opportunity for students with and without intellectual disabilities to come together through ongoing educational and physical activities. The Unified Physical Education course is structured around the national physical education standards and grade-level outcomes, which include gaining the knowledge and skills necessary to maintain a health-enhancing level of fitness. Additionally, the class supports the development of leadership skills for all students, and the empowerment of ALL students to foster an inclusive class and school-wide environment. Unified Physical Education courses can be a gateway for further participation in Special Olympics programs and events.

Unified Physical Education—Team Sports PED201

9, 10, 11, 12

1 SM

Prerequisite: none

Credit for graduation: Physical Education and Elective

Unified Team Sports provides a unique opportunity for students with and without disabilities to come together through ongoing educational and physical activities, using the power of Special Olympics. The Unified Physical Education course is structured around the national physical education standards and grade-level outcomes. Additionally, the class supports the development of leadership skills for all students as well as the empowerment of ALL students to foster an inclusive class and school-wide environment. We are looking for students to register for this course who have a passion for physical education, helping others, creating positive relationships with ALL students, service, coaching/teaching, and developing their own leadership capacity. Unified Team Sports units of study may include: Softball, Soccer, Flag Football, Lacrosse, Volleyball, Swimming, Basketball, Floor Hockey, Ultimate Frisbee, and Personal Fitness.

Water Sports (Aquatics) PED197 9, 10, 11, 12 1 SM

Prerequisite: Basic swim skills

Credit for Graduation: Physical Education

Water Sports is an introduction into the world of swimming and diving. This course may include: water polo, water basketball, lap swimming, diving, underwater sports and activities, water aerobics, and recreational activities. Each physical education course will include personal fitness components.

Weight Training WTR191 9, 10, 11, 12 1 SM

Prerequisite: None

**Credit for graduation: Physical Education** 

Weight Training and Conditioning is designed to develop the fitness principles of muscular strength, muscle endurance, flexibility, and cardiovascular endurance. Areas of emphasis may include: basic lifting principles, and programs, aerobic and anaerobic exercise, nutrition, steroid abuse, anatomy, and physiology.

Yoga PED092 9, 10, 11, 12 1 SM

Prerequisite: None

Credit for graduation: Physical Education

Yoga is designed to enable students to unlock agility by moving the body through a series of poses. This newfound agility will be balanced by strength, and enhanced cardiovascular health, as well as a sense of physical confidence and overall well-being.

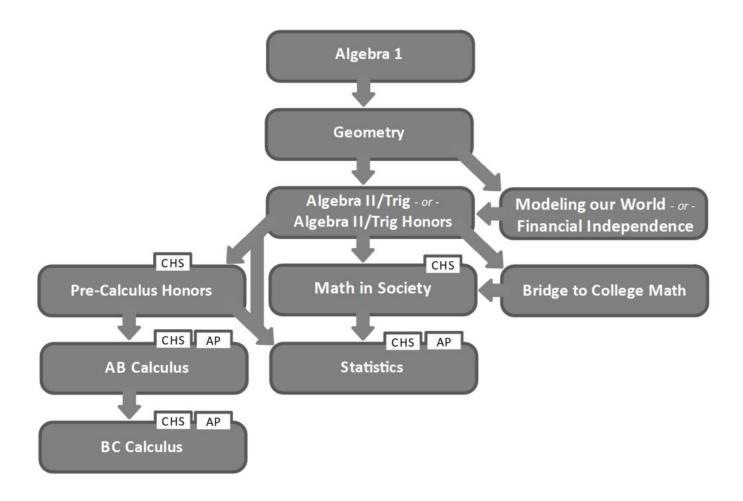
## **Mathematics Department**



COURSE TITLE	CREDIT AREA	<b>CREDIT AMOUNT</b>	GRADE LEVEL
Algebra I	Math	1.0	9,10,11,12
Geometry	Math	1.0	9,10,11,12
Algebra II/Trig	Math	1.0	9,10,11,12
Algebra II/Trig Honors	Math	1.0	9,10,11,12
Modeling Our World with Mathematics	Math	1.0	11,12
Math in Society	Math	1.0	10,11,12
Pre-Calculus Honors	Math	1.0	10,11,12
AB Calculus Advanced Placement	Math	1.0	11,12
BC Calculus Advanced Placement	Math	1.0	11,12
Financial Independence	Math/Occupational	1.0	11,12
Statistics Advanced Placement	Math	1.0	11,12
Bridge to College Mathematics	Math	1.0	11,12

Sample Program

Career Preparatory		College and Career Preparatory		
Career or Military		Technical School or Community College	Four-year College Or University	
Ninth Grade	Algebra I	Algebra I	Algebra I OR Geometry	
Tenth Grade	Geometry	Geometry	Geometry Algebra II/Trig, OR Algebra II/Trig Honors	
Eleventh Grade	Modeling Our World, Algebra II/Trig OR Financial Independence	Algebra II/Trig, Algebra II/Trig(Honors), OR Financial Independence	Algebra II/Trig, Algebra II/Trig(Honors), OR Pre-Calculus	
Twelfth Grade	Algebra II/Trig Algebra II/Trig (Honors), Math in Society, OR Financial Independence	Algebra II/Trig, Algebra II/Trig(Honors), Math in Society, Financial Independence, Statistics AP, Bridge to College Math OR Pre-Calculus	Algebra II/Trig, Algebra II/Trig(Honors), Math in Society, Bridge to College Math, Pre-Calculus, Statistics AP OR AB Calculus AP	



The math flow chart illustrates the math sequence of courses. Please note that a student's progress through the math sequence is flexible to allow for changes in goals or post high school plans. The following pages indicate the required prerequisites for each course which may alter the math flow chart above.

SBA: Smarter Balanced Assessment for sophomores.

CHS: College in the High School credit available.

AP: College credit may be awarded for completion of the Advanced Placement exam.

\* Students not meeting prerequisite for advanced, honors, or advanced placement math courses can take the required challenge test for the desired course in June or August and pass with 80% or better.

Students need to see their math teacher or the math department chair for details.

#### **Mathematics Courses**

AB Calculus Advanced Placement (Calculus I)

MATH&151

11, 12

1 YR

Prerequisite: 70% or better in Pre-Calculus. Students who earned below 70% can enroll in AB Calculus with guidance from their math teacher. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Math

This is a college level course for which college credit may be obtained through College in the High School or by passing the Advanced Placement Test in the spring. It focuses on optimization, limits, differential equations, exponential functions, the relationship between distance and velocity, piecewise functions, volumes of revolution, volumes by slicing, and the Fundamental Theorem of Calculus. **HW9** 

Algebra I ALG105 9,10,11,12 1 YR

Prerequisite: None

Credit for graduation: Math

This is the first course in a sequence of college and career preparatory mathematics. The course aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations, inequalities and systems. These skills are extended to solving quadratic equations, exploring linear, quadratic and exponential functions, graphically and algebraically and as sequences. In addition, the course covers introductory statistics by using regression techniques to analyze the fit of models to distributions of data. This course counts as Algebra I credit for graduation and course concepts appear on the Smarter Balanced Assessment in Grade 10. **HW3** 

Algebra II/Trigonometry

**ALG200** 

10, 11, 12

1 YR

Prerequisite: 70% or better in Geometry AND Algebra I. Students who earned below 70% can enroll in Algebra II/Trigonometry with guidance from their math teacher. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

**Credit for Graduation: Math** 

This is a third course in a sequence of college and career preparatory mathematics and counts for the third credit math graduation requirement. Either Algebra II or Algebra II Honors is a required course for college entrance. The course aims to apply and extend what students have learned in Algebra I and Geometry by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. This course is not intended to prepare students for Honors Precalculus. **HW3** 

Algebra II/Trigonometry Honors

ALG300-HRS

9,10,11,12

1 YR

Prerequisite: 80% or better in Geometry AND Algebra I. Students who earned below 80% can enroll in Algebra II/Trigonometry with guidance from their math teacher. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of

# advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Math

This is a third course in a sequence of college and career preparatory mathematics and counts for the third credit math graduation requirement. Either Algebra II or Algebra II Honors is a required course for college entrance. This rigorous course builds on what students learned in Algebra I and Geometry and prepares students for success in advanced math courses (Precalculus). The course focuses thoroughly on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. **HW5** 

BC Calculus Advanced Placement (Calculus II)

COLLEGE MATH&152

11, 12

1 YR

Prerequisite: 70% or better in AB Calculus. Students who earned below 70% can enroll in BC Calculus with guidance from their math teacher. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Math

This is a college level course for which college credit may be obtained through College in the High School or by passing the BC Advanced Placement Test in the spring. This course continues the student's introduction to Calculus as it focuses on all topics from AB at an accelerated pace, arc length, Euler's method, improper integrals, advanced integration techniques (by parts and partial fraction decomposition), convergence of series, logistic growth models, Taylor polynomials, error analysis, polar and parametric functions. **HW9** 

**Bridge to College Mathematics:** 

BCM100

11, 12

1 YR

Prerequisite: Successful completion of Algebra II/Trig; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math

Credit for graduation: Math

The Bridge to College Math course was designed for students who have attempted Algebra II and would benefit from focused preparation to improve readiness for college-level math courses through building conceptual understanding, reasoning, and mathematical skills. The course emphasizes active engagement with real world tasks connected to key Algebra I, Statistics, and Algebra II concepts essential for college and career readiness. For seniors who pass the course with a B or above, the Bridge to College Mathematics course offers guaranteed placement into a non-Calculus, introductory college-level math course when entering one of Washington State's 34 community and technical colleges plus Eastern Washington University directly after high school. Successful completion of Bridge to College Mathematics also meets high school graduation pathway requirement for mathematics for any student who may have earned a Level 2 on the Smarter Balanced Assessment for Mathematics. **HW1** 

**MATH&107** 

10, 11, 12

1 YR

Prerequisite: Successful completion of Geometry and Algebra II/Trig; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math

Credit for graduation: Math

COLLEGE

This course is designed as a fourth-year math course for students who have completed Algebra II and Trigonometry and wish to take an additional year of math without continuing in the math progression leading to Calculus. Math in Society is a course where students apply mathematical skills, concepts and knowledge to meaningful real-world problems and practical applications. College credit may be obtained through College in the High School.**HW2** 

Financial Independence

**CFF100** 

11(w/ teacher permission)

12 1 YR or 1 SM

Prerequisite: Successful completion of Algebra I, Geometry/Geometry Equivalent or teacher permission; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math Credit for graduation: Algebra I / Algebra II / Occupational

See description on pg 35. This course may satisfy the third math credit requirement. Students must meet with a school official to have this course count as the third math credit.

Geometry GEO200 9,10,11,12 1 YR

Prerequisite: Successful completion of Algebra I; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math

Credit for graduation: Math

This is the second course in a sequence of college and career preparatory mathematics. This course aims to formalize and extend the geometry that students have learned in previous courses by focusing on establishing triangle congruence criteria using rigid transformations and constructions and building an understanding of similarity based on dilations and proportional reasoning. The course also helps students develop the concepts of proof, explore the properties of two- and three-dimensional objects, work within the coordinate system to verify geometric relationships and prove basic theorems about circles. This course counts as Geometry credit for graduation and course concepts appear on the Smarter Balanced Assessment in Grade 10. **HW3** 

Modeling Our World with Mathematics MWM100 11, 12 1 YR

Prerequisite: Successful completion of Algebra 1 and Geometry; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Math

In Modeling Our World with Mathematics, students will use high school mathematics to analyze everyday life experiences and to build skills and knowledge to make informed life choices. The math

applications are targeted toward student interest and career connections. Units include Arts & Music, Finances for Life, Digital World, Civic Readiness, and Health & Fitness. This course qualifies as a third credit of mathematics and may act as a bridge to Algebra II. **HW1** 

Pre-Calculus Honors

MATH&141/142

10, 11, 12

1 YR

(Pre-Calculus I)

Prerequisite: 80% or better in Algebra II/Trig Honors OR 90% or better in Algebra II/Trig. Students who did not meet the prerequisite can enroll in Pre-Calculus with guidance from their math teacher. Additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Math

This course brings together the concepts of Algebra, Geometry, and Trigonometry and unifies them in preparation for Calculus AP and other advanced math courses by focusing on functions, trigonometry, modeling, algebraic manipulation, rates of change, and area under a curve. This course is a fourth-year math course and is recommended for those students who were successful in Algebra II and Trigonometry Honors and have mastery of previous mathematical content. College credit may be obtained through College in the High School. **HW5** 

Statistics AP

**MATH&146** 

11, 12

1 YR

(Introduction to Statistics)

Prerequisite: 70% or better in Algebra II/Trig Honors OR 80% or better in Discrete or Algebra II/Trig. Students who did not meet the prerequisite can enroll in Statistics AP with guidance from their math teacher. Aadditionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in Math.

Credit for graduation: Math

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four major themes are exploring data, sampling and experimentation, anticipating patterns and statistical inference. College credit may be obtained through College in the High School or by passing the Advanced Placement Test in the spring. **HW5** 

Technical Mathematics for the Trades MFT100 11,12 1 YR

Prerequisite: Successful completion of Algebra I and Geometry or teacher permission.

Credit for graduation: Mathematics/Occupational

(See pg 40 for course description)

# Science Department

COURSE TITLE	CREDIT AREA	CREDIT AMOUNT	GRADE LEVEL
Physical Science	Science	1.0	9
Biology	Science	1.0	9,10
Environmental Science	Science/Occupational	1.0	11,12
Chemistry	Science	1.0	10,11,12
Chemistry Honors	Science	1.0	9,10,11,12
Physics	Science	1.0	10,11,12
Human Physiology & Anatomy Honors	Science Elective	1.0	11,12
Biology Advanced Placement	Science Elective	1.0	11,12
Chemistry Advanced Placement	Science Elective	1.0	11,12
Physics Honors	Science Elective	1.0	10,11,12
Physics C AP Mechanics	Science Elective	.5	11,12
Physics C AP Electricity & Magnetism	Science Elective	.5	11,12
Biotechnology	Science Elective/Occupational	1.0	11,12
Forensic Science	Science Elective/Occupational	1.0	11,12

# Sample Program

Career Preparatory		College and Career Preparatory	
Career or Military		Technical School or Community College	Four-year College or University
Ninth Grade	Physical Science	Physical Science	Physical Science
Tenth Grade	Biology	Biology	Biology
Eleventh Grade	Chemistry OR *Environmental Science	Chemistry OR *Environmental Science	Chemistry, Chemistry Honors OR Physics Honors
Twelfth Grade		Anatomy, Physics, *Biotechnology, *Forensics	Anatomy, Biology AP, Chemistry AP, Physics Honors, Physics C AP, *Biotechnology, *Forensics

<sup>\*</sup>Counts as occupational or science credit

# Standard Course Pathway for Science

The standard pathway combines all of the Washing State high school science standards into three courses. Each of the three courses present an integration of one of the high school disciplines with the Earth and Space Standards (ESS). The standards that make up these courses will be assessed on the Washington State Comprehensive Assessment of Science (WCAS) that students will take in the spring of their junior year.

- The courses in the pathway are:
  - o Physical Science of the Universe: Integrating Physics and Earth & Space Science
  - o Biology of the Living Earth: Integrating Biology and Earth Science
  - Chemistry of the Earth System: Integrating Chemistry and Earth Science OR Environmental Science

# Waiver Process for the Accelerated Pathway

All incoming freshmen will sign up for Physical Science during the registration period. Starting May 1, students may apply to waive the 9th grade Science course in order to move directly into Biology. Forms will be available starting May 1. Completed forms should be sent directly to your high school principal and must be received no later than May 1. Late forms will not be accepted.



# Mukilteo School District High School Science Course Pathways



In each High School Course Pathway, students will receive instruction in all standards needed to be prepared for the Washington Comprehensive Assessment of Science (WCAS) given at the end of 11<sup>th</sup> grade. Regardless of the pathway, all students have the opportunity to take upper level course work to ensure readiness for their college and/or career pathway beyond high school.

Below is a table that shows you the typical science courses taken in each grade based on your post-high school plans and

academic level.	9th	10 <sup>th</sup>	11 <sup>th</sup> Chemistry of the Earth System*	12 <sup>th</sup>
Standard  Recommended for Students Pursuing Non-Science Careers	Physics of the Universe	Biology of the Living Earth	OR Honors Chemistry of the Earth System OR Environmental Science	Upper Level Science Elective (optional)
Accelerated  Recommended for Students Pursuing Science- Related Careers	Biology of the Living Earth	Honors Chemistry of the Earth System	Honors Physics with Earth Science	Upper Level Science Elective (optional)
Summit  Recommended for Students Pursuing Science-Related Careers who have already taken Biology	Honors Chemistry of the Earth System	Honors Physics with Earth Science	Upper Level Science Elective	Upper Level Science Elective (optional)

\*Per <u>WAC 180-51-068</u> students have choice for their 3<sup>rd</sup> year science course. The standard pathway course is Chemistry of the Earth System or Environmental Science. Students in the standard pathway may also choose from the courses below for their 3<sup>rd</sup> year of science if they meet the prerequisites. This choice will be documented in the student's High School and Beyond Plan as they may <u>not</u> have had the opportunity to engage in all of the standards tested on the WCAS.

Upper Level Science Electives					
• Forensics	•	AP Biology			
Biotechnology	•	AP Chemistry			
• Physics	•	AP Physics			
Anatomy and Physiology					

# Science Courses

Physical Science of the Universe

**SCP100** 

9

1 YR

Prerequisite: none

Credit for graduation: Science

Physical Science is a one-year laboratory science class in which students will learn about force and motion, including the nature of Newton's Laws, the conversion of energy, radiation and electromagnetism, and the evolution of the Universe. This course will focus on conceptual understanding of foundational components of physics. The mathematical practices used in this course are aligned with those of Algebra I. HW3

Biology of the Living Earth

**BIO200** 

9, 10

1 YR

Prerequisite: none

Credit for graduation: Science

Biology is a one-year laboratory science class in which students will learn about ecosystem interactions and energy, ecosystem stability, the structure and function and growth of organisms, the inheritance of traits, and the evidence of evolution. HW3

**Environmental Science** 

**SCI200** 

11,12

1 YR

Prerequisite: Biology of the Living Earth; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Occupational/Lab Science

Please see course description on pg 29.

Chemistry of the Earth System

CHEM&121

10, 11, 12

1 YR

Prerequisite: Algebra I; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Science

Chemistry is a one-year laboratory science class in which students will learn how chemical processes help drive the Earth system. Students will learn core chemistry principles including composition, molecular structure, properties of matter, atomic basics, naming, and chemical reactions as well as basic climate science. They will use this understanding to analyze and design solutions to mitigate human impact on the Earth's climate system. College credit may be obtained through College in the High School. HW3

Human Physiology and Anatomy Honors PHS300-HRS

11, 12

Prerequisite: Biology of the Living Earth and Chemistry of the Earth System (general or honors); additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Science

This is an upper-level course designed for college bound students with a biology/medicine focus in mind. It includes the study of biochemistry, histology and all body systems:

integument, muscular/skeletal, nervous, cardiovascular, respiratory, digestive, urinary and reproductive. Course work includes reading, quizzes, discussion, writing, labs (including advanced animal dissection), assignments, projects and tests. **HW3** 

**Biology Advanced Placement** 



BIO300-AP

11, 12

1 YR

Prerequisite: Biology, Chemistry or Chemistry Honors; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Science

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. Students should have successfully completed high school courses in biology and chemistry. **HW5** 

Chemistry Honors COLLEGE

**CHEM&121H** 

9,10, 11, 12

1 YR

(Introduction to Chemistry)

Prerequisite: Algebra I; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science Credit for graduation: Science

Honors Chemistry is a one-year, traditional curriculum class that seeks to explain how and why matter behaves as it does. It is much more in depth than regular chemistry, requires a larger time commitment outside of class, and includes more rigorous mathematical-based problem solving. The pace of the class is very fast. Emphasis is placed on students gaining the chemistry knowledge necessary to succeed in college-level science classes. This course is geared towards students that plan to attend a 4-year university and intend to pursue a future in science or math. **HW5** 

**Chemistry Advanced Placement** 

CHE400-AP

11, 12

1 YR

Prerequisite: Algebra II/Trig Honors and Chemistry or Chemistry Honors; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Science

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based activities and investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The advanced level and pace of the class demand a high level of student commitment. For the college bound student, this course requires extensive independent reading and homework. **HW5** 

Physics PHY200 10, 11, 12 1 YR

Prerequisite: Geometry; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science Credit for graduation: Science

This is a one-year laboratory science course designed for students interested in following a future course of study which will benefit from an understanding of physics concepts. Conceptual and mathematic developments of motion, sound/light electromagnetism, and relativity will be covered. Labs will include the gathering and analysis of data to learn and verify concepts and procedures. This course should prepare students for future studies in any technology related career. **HW3** 

Physics Honors

**PHYS&114** 

10, 11, 12

1 YR

(General Physics)

Prerequisite: Algebra II/Trig (or concurrent); additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Science

Physics Honors is a college level course for students desiring to establish a basis for future studies in the life sciences, geology, and related areas, or as a component in a non-science program that has a science requirement. Topics will be Newtonian mechanics, fluids, thermodynamics, electricity and magnetism, waves and optics. A thorough understanding of algebra and trigonometry is necessary. Rigorous employment of mathematics will be used in concept development, problem solving, and laboratory investigations. Student has the opportunity to earn 15 college credits. College credit may be obtained through College in the High School. **HW5** 

Physics C AP Mechanics

PHY400-APA (S1) 11, 12

1 YR

Physics C AP Electricity & Magnetism

PHY400-APB (S2)

Prerequisite: AB Calculus AP or Honors Physics and Concurrent enrollment in AB Calculus AP; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Science

Physics C AP is a college level science course that concentrates on the fields of mechanics and electricity/magnetism. Advanced mathematics including calculus is used in the development of these topics. Some of the mechanics areas covered will be kinematics, dynamics and rotational motion. Electricity and magnetism topics include charge, electric field, circuits, and magnetic inductance. This course is designed for people interested in a career in engineering or the physical sciences. **HW5** 

Forensic Science

CJ&240

11, 12

1YR

(Introduction to Forensic Science)

COLLEGE

Prerequisite: Biology

Credit for graduation: Occupational / Science / Elective

Please see course description on page 45.

Prerequisite: Biology

Credit for graduation: Occupational / Science / Elective

Please see course description on page 44.

# **Social Studies Department**

COURSE TITLE	CREDIT AREA	CREDIT AMOUNT
World History	Social Studies – World	1.0
World History AP	Social Studies – World	1.0
US History	Social Studies – USH	1.0
US History AP	Social Studies – USH	1.0
American Law and Civics	Social Studies – Senior Menu	.5
AP US Government & Politics	Social Studies – Senior Menu	1.0
Contemporary World Issues	Social Studies- Senior Menu	.5
Ethnic Studies	Social Studies – Senior Menu	1.0
Holocaust/Genocide Studies	Social Studies – Senior Menu	.5
Washington State Studies	Elective	.5

#### Sample Program

- All courses will prepare students for college, career, and civic life
- Students planning on post-high school education (college, community college) should consider one/more dual credit courses
- Reading Skills will impact weekly homework

	Graduation Requirements	Credits
	3.0 credits including .5 CWP, .5 Civics, .5 WSS	3.0
9	Elective	0
10	World History /AP World History	1
	Both classes meet required .5 CWP credit	
11	US History ** / AP US History *	1
	*Class '23: <u>Both</u> classes meet required .5 Civics credit	
	Class '24: AP US History meets required .5 Civics <u>or</u> take Civics Senior Year *	
12	Senior Social Studies Elective Menu	1
	American Law & Civic* (.5)	
	AP US Government* (1)	
	Contemporary World Issues (.5)	
	Ethnic Studies (1)	
	Holocaust/Genocide Studies (.5)	
	Washington State Studies/WSS (.5)***	

<sup>\*</sup> Classes that will satisfy the .5 Washington State Civics graduation requirement

<sup>\*\*</sup>Class of 2023: US History satisfies the .5 Civics requirement

<sup>\*\*\*</sup>Washington State Studies is available only to seniors who have not met the requirement for graduation

## **Social Studies Courses**

World History WDH200 10 1 YR

Prerequisite: none

Credit for graduation: Social Studies –World history credit and Contemporary World Problem graduation requirement

World History is a year-long 1 credit course focused on studying the development of the major world societies during the time period of 1450-Present. It is an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. Students will have the opportunity to learn to interpret, analyze, and synthesize historical documents, as well as primary and secondary sources. **HW5** 

AP World History
(World Civilization)

HIST103D

10

1 YR

Prerequisite: Reading level grade 10 or higher; additionally, note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science.

Credit for graduation: Social Studies –This course may replace the World History (WDH200) class required for graduation.

This class meets Contemporary World Problem requirement for graduation.

College in High School classes provide students the opportunity to earn college credit while in high school. Students pay tuition for these courses at a significantly reduced rate and receive college credit and grades upon successful completion.

AP World History is a year-long 1 credit course geared for students who wish to begin advanced placement training in their sophomore year. As with the World History (WDH200), students will have the opportunity to learn to interpret, analyze, and synthesize historical documents, as well as primary and secondary sources. This course is similar in scope and sequence to World History with three exceptions:

- The depth and pace of the course is more rigorous in order to cover the content by the AP exam (May).
- This course uses a college-level textbook and syllabus specific to AP content requirements.
- Students will be given the opportunity to earn college credit, and/or college placement either by taking the AP exam or through the College in the High School Program which grants community college credits. **HW9**

US History USH300 11 1 YR

**Prerequisite: None** 

Credit for graduation: Social Studies – US History

For Class of 2023 only: This course meets the .5 Civic graduation requirement

This course in the history of the United States examines the major events in American history, with indepth coverage of the twentieth century. Course topics revolve around chronological and philosophical developments of the American Civilization from colonization to the modern period, with emphasis placed on the post-Civil War era. Students will have the opportunity to conduct research as well as interpret, analyze, and synthesize both primary and secondary historical documents. **HW5** 

HIST&146 11 1 YR

Prerequisite: Note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Social Studies – US History

## This course may replace the US History (USH300) class required for graduation

College in High School classes provide students the opportunity to earn college credit while in high school. Students pay tuition for these courses at a significantly reduced rate and receive college credit and grades upon successful completion.

This is a year-long 1 credit course for students who will be taking the Advanced Placement examination in May. Because the depth and pace are similar to a college level course, an AP student will need to be skilled in reading, writing and be committed to multiple homework assignments throughout the week. As with US History (USH300), students will have the opportunity to learn to interpret, analyze, and synthesize historical documents, as well as primary and secondary sources. While similar in scope and sequence to US History, there are three exceptions:

- The depth and pace of the course is more rigorous in order to cover the content by the AP exam (May).
- This course uses a college-level textbook and syllabus specific to AP content requirements.
- Students will be given the opportunity to earn college credit, and/or college placement either by taking the AP exam or through the College in the High School Program which grants community college credits. HW9

Each Social Studies elective course listed below is a Social Studies Elective. Students may take more than one course for general elective credit for graduation.

#### Senior Social Studies Menu

American Law and Civics LAW491 12 1 SM

Prerequisite: none

Credit for graduation: Social Studies – .5 Senior Social Studies Menu

This class meets the 0.5 Civic requirement for graduation

The law course is a survey of the basic foundations of American government and law at the federal, state, local, and tribal levels. Students will examine the foundations of the American legal system both from a theoretical and practical aspect. Time will be spent on Criminal law and Civil law, including Civil rights and liberties. Students will investigate how the law impacts the society around them as well as their own daily lives. **HW3** 

AP US Government & Politics
(American Government)

COLLEGE

**POLS&202** 

12

1 YR

Prerequisite: Note that under board policy and state law, students are eligible to automatically enroll in the next most rigorous level of advanced courses or program offered by the high school when they have met or exceeded the standard on state assessments in science

Credit for graduation: Social Studies – 1.0 Senior Social Studies Menu

This class meets the 0.5 Civic requirement for graduation.

College in High School classes provide students the opportunity to earn college credit while in high school. Students pay tuition for these courses at a significantly reduced rate and receive college credit and grades upon successful completion.

This year-long class provides students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies and foundational documents. The course will cover foundations of American democracy, interaction among branches of government, political beliefs and behaviors, political participation, and civil rights and liberties. As an Advanced Placement course:

- This year-long class follows the College Board's suggested curriculum designed to parallel collegelevel U.S. Government and Politics courses, in preparation for the AP exam in May.
- Students will be given the opportunity to earn college credit, and/or college placement either by taking the AP exam or through the College in the High School Program which grants community college credits. HW7

### **Contemporary World Issues**

CWI491

*12* 

1 SM

Prerequisite: none

Credit for graduation: Social Studies – .5 Senior Social Studies Menu

Contemporary CWI provides an in-depth look at United States challenges, considering sociological and philosophical cause and effect and their impact on international policies and alliances. Students will analyze current news stories and discuss how recent events are affected by geography, politics, economics, and history in addition to how we use this information to make decisions about local, state, national, and international issues. Students will be required to view and read current publications and programs. **HW3** 

Ethnic Studies ETH100 12 1 YR

Prerequisite: None

Credit for graduation: Social Studies – 1.0 Senior Social Studies Menu

The purpose of Ethnic Studies is to provide students with an opportunity to explore and reflect on their individual identity and intersectionality of race, ethnicity, class, gender, ability, and sexual orientation. Students will focus on both historical and current social movements that have resisted oppressive political economic and social conditions. As students critique systems of power and oppression, they will be empowered to take individual and collective civic action. Students will sharpen skills in critical analysis, thinking, research, writing, and discussion through interdisciplinary studies. Students will engage in civic action to become agents of social transformation both locally and globally in the form of student led community-based projects. Throughout the course we will engage in discussions that humanize and empower all people.

Holocaust & Genocide Studies (Surviving the Holocaust)



**HUM150D** 

12 1 SM

Prerequisite: none

Credit for graduation: Social Studies – .5 Senior Social Studies Menu

College in High School classes provide students the opportunity to earn college credit while in high school. Students pay tuition for these courses at a significantly reduced rate and receive college credit and grades upon successful completion.

In this semester-long course students will develop a working understanding of the causes and issues surrounding the genocides of the twentieth century. Students will then evaluate the American response to those genocides and the role they had in forming US policy as it is related to Human Rights. HW3

**Washington State Studies** 

PNW491

12

1 SM

Prerequisite: available only to seniors who have not met the WSS requirement

Credit for graduation: Social Studies Elective

WSS is available only to Seniors who have not met the WSS requirement for graduation. Note: If WSS is taken in middle school, it fulfills graduation requirement, but does not earn Senior Elective credits.

Pacific Northwest History will survey the history of Washington and its state constitution as well as state, local, and tribal politics of past and present. Students will also study the geographic, economic, and cultural characteristics of the Pacific Northwest and the first Native American settlements to modern times that make Washington State unique. This is a self-study course that will be done via a packet. There is no in-class time for this course; however, there are regular check -ins and deadlines. Independent Study Format.

# **World Languages Department**

The Mukilteo School District provides four languages from which students can select: French, German, Japanese, and Spanish. Students who have successfully completed level 1 while in middle school will enroll in the second level as they enter high school. All World Language courses are a full year and fulfill an elective credit. Nearly all four-year colleges and universities require a minimum of 2 consecutive years of foreign language study for entrance (i.e. Spanish I and Spanish II); and many require three. For entrance requirement, please contact specific college. WORLD LANGUAGE COURSES ARE ELECTIVES, NOT OCCUPATIONAL CREDIT.

The successful study of a world language and culture is an enriching experience that will serve students long beyond their high school years. All of our languages offer students the opportunity to learn and study for FOUR years. While an elective course, world language classes are academic in nature in that daily homework and studying is an important part of each course.

Attendance and participation are crucial to developing listening and speaking skills in the language classroom. Students who experience success in the world language classroom tend to possess welldeveloped study habits and skills, including time management. In addition, they have strong grammar skills. Successful language students are motivated to learn and set aside time to study daily. They are interested in the world around them and wish to understand, learn about and communicate with people from other cultures.

While we recommend consideration of a world language for all students, we strongly advise that students carefully strategize when in their high school career to begin their study in order to maximize their opportunity for success. (Success may be defined as genuine learning that earns grades that meet the prerequisites for sequential courses within the chosen world language.) We have many students who take four years of a world language, most colleges require two, if not three years to meet minimum entrance requirements. However, some students choose to begin their language classes as 10th graders. Students who begin studying a language in 10th grade can successfully take 3 years.

**WL Chart 1: Attention Middle School Students**, if you lack strongly developed and disciplined study skills, waiting a year to begin a world language while working on developing good study skills and habits may be a wise choice. Additionally, if you are currently failing any core classes, our department recommends that you begin your language courses as a 10th grader. At that time, you would still be able to study three years of a language.

WL Chart 2: It is highly recommended that students earn a C- or higher to continue to the next language level. Students with a grade lower than a C- often do not possess a strong foundation in the subject and find the next step in language classes to be very challenging. We want you to be a successful student and possessing strong skills in the basics is necessary. Students with a lower grade may wish to repeat the course to improve their skill level, earn the higher grade and then move up to the next level. Exploring another language option is also possible.

#### Sample Program

Career	Preparatory	College and Career Preparatory	
Career or Military (recommended but not required)		Technical School or Community Four-year College or College University	
Ninth Grade			1 <sup>st</sup> year language
Tenth Grade	1 <sup>st</sup> year language	1 <sup>st</sup> year language	2 <sup>nd</sup> year language
Eleventh Grade	2 <sup>nd</sup> year language	2 <sup>nd</sup> year language	3 <sup>rd</sup> year language (See specific university requirement)
Twelfth Grade			4 <sup>th</sup> year language Optional (See specific university req)

## French Courses Offered

COURSE TITLE	CREDIT AREA	CREDIT AMOUNT	GRADE LEVEL
French I	Elective	1.0	9,10,11,12
French II	Elective	1.0	9,10,11,12
French III	Elective	1.0	9,10,11,12
French IV	Elective	1.0	11,12
French AP Language & Culture	Elective	1.0	11,12

#### German Courses Offered

German I	Elective	1.0	9,10,11,12
German II	Elective	1.0	9,10,11,12
German III	Elective	1.0	9,10,11,12
German AP Language & Culture	Elective	1.0	9,10,11,12

Japanese Courses Offered

Japanese I	Elective	1.0	9,10,11,12
Japanese II	Elective	1.0	9,10,11,12
Japanese III	Elective	1.0	9,10,11,12
Japanese IV AP Language &	Elective	1.0	11,12
Culture			

Spanish Courses Offered

Spanish I	Elective	1.0	9,10,11,12
Spanish II	Elective	1.0	9,10,11,12
Spanish III	Elective	1.0	9,10,11,12
Spanish IV	Elective	1.0	9,10,11,12

#### French Courses

French I FRE100 9, 10, 11 1 YR

Recommendation: See WL Chart 1 pg. 83

Credit for graduation: Elective

Students will learn to speak and write basic French in the present tense. The target language will often be used as a form of communication in the classroom. Students are expected to attempt to speak the language. Good study skills are highly recommended. Students will practice reading, writing, speaking, and listening in the target language with emphasis on speaking and listening. Homework assignments are web based and greatly aid the student in language proficiency. Students can expect to have homework most days. **HW1** 

French II FRE200 9, 10, 11, 12 1 YR

Recommendation: See WL chart 2 pg. 83

**Credit for Graduation: Elective** 

This course is designed to develop beginning intermediate proficiency in French. Except for grammar explanations, French is the primary language of instruction. Students will learn to converse in French, and it will become their primary means of communication with each other. This is a continuation of French 1 and skills developed the year previous will be expanded to include both past tenses. Homework assignments are web based and greatly aid the student in language proficiency. Students can expect to have homework every day. Transfer students should see the teacher for correct course placement. **HW1** 

French III FRE300 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg. 83

Credit for Graduation: Elective

Students will continue to develop advanced intermediate proficiency in French. Except for grammar explanations, French is the primary language of instruction between teacher-student and student-student. Students will continue to develop their abilities conversing in the present, past, and future tenses. In addition, students will learn the subjunctive and conditional moods. Students can expect to have daily homework. Transfer students should see the teacher for correct course placement. **HW2** 

French IV FRE400 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

**Credit for Graduation: Elective** 

This course is combined with level 3, and students can expect a thorough review of French 3 grammar. Curriculum alternates giving students exposure to new vocabulary. French 4 students may have additional assignments and examens beyond those in French 3. Students can expect to have daily homework. **HW3** 

French Language & Culture AP FRE500-AP 11, 12 1 YR

Prerequisite: teacher recommendation

Credit for Graduation: Elective

This course will aid students in perfecting previously developed skills. Students who have rigorously applied themselves in French 1 through French 4 have sufficient grammatical knowledge to be successful in this course and on the AP Exam. Students will devote extended time to increasing vocabulary and practicing for the AP sections. Students will apply their knowledge of grammar and vocabulary to their reading, writing, speaking and listening skills in a wide variety of real-world contexts. Students will be able to comprehend native speakers and read authentic documents, including fiction and non-fiction. Students will learn to speak at length and write in a variety of formats. AP Language courses prepare students for the AP Exam and for further study of language and culture. This is an independent study course for highly motivated students. Minimal support is provided during the class. **HW5** 

Note: Students may elect to take the Advanced Placement examination. College credits and/or college course placement may be earned upon successful completion of the Advanced Placement examination and are accepted by most colleges and universities for college credit.

#### German Courses

German I GER100 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 1 pg. 83

Credit for graduation: Elective

Students will learn basic communication in the target language and connect to the cultures that speak the language. Students will practice reading, writing, speaking, and listening in the target language with emphasis on speaking and listening. **HW1** 

German II GER200 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will explore more complex grammatical concepts, as well as learn how to communicate properly in a variety of real-life situations through reading, writing, speaking, listening, and culture. Students will demonstrate their learning through a variety of reading, writing, speaking, and listening tasks in the target language. The target language will be the main means of communication in the classroom. Students may earn college credit from Everett Community College as "College in the High School". **HW1** 

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will broaden and deepen their learning of vocabulary and complex grammatical structures through reading, writing, speaking, listening, and culture. The target language will be the main means of communication in the classroom. Students may earn college credit from Everett Community College as "College in the High School". **HW2** 

German Language & Culture AP GER500-AP 9, 10, 11, 12 1 YR

Prerequisite: teacher recommendation. If student is entering from Ger III, a "B" grade or better is

needed.

**Credit for Graduation: Elective** 

Students will apply their knowledge of grammar and vocabulary to their reading, writing, speaking and listening skills in a wide variety of real-world contexts. Students will learn to speak at length, write in a variety of formats, comprehend native speakers and read various documents. AP Language courses prepare students for the AP Exam and for further study of language and culture. This is an independent study course for highly motivated students. Minimal support is provided during the class. **HW5** 

# Japanese Courses

Japanese I JPN100 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 1 pg. 83

Credit for graduation: Elective

Students will learn basic communication in the target language and connect to the cultures that speak the language. Students will practice reading, writing, speaking, and listening in the target language with emphasis on speaking and listening. **HW1** 

Japanese II JPN200 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will explore more complex grammatical concepts, as well as learn how to communicate properly in a variety of real-life situations through reading, writing, speaking, listening, and culture. Students will demonstrate their learning through a variety of reading, writing, speaking, and listening tasks in the target language. The target language will be the main means of communication in the classroom. Students may earn college credit from Everett Community College as "College in the High School". **HW1** 

Japanese III JPN300 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

**Credit for graduation: Elective** 

Students will broaden and deepen their learning of vocabulary and complex grammatical structures through reading, writing, speaking, listening, and culture. The target language will be the main means of communication in the classroom. Students may earn college credit from Everett Community College as "College in the High School". **HW1** 

Japanese Language and Culture AP

JPN500-AP

11, 12

1 YR

Prerequisite: teacher approval Credit for graduation: Elective

This course is designed to prepare students for the Japanese Language and Culture AP test. It may be possible to also earn college credit from Everett Community College as "College in the High School".

# **Spanish Courses**

Spanish I SPA100 9, 10, 11, 12 1 YR

Recommendation: See WL chart 1 pg. 83

Credit for graduation: Elective

Level I Course

In this academic course students will learn basic communication in the target language and connect to the cultures that speak the language. Students will practice reading, writing, speaking, and listening in the target language with emphasis on speaking and listening. This is an academic course; daily homework and studying should be expected. **HW1** 

Spanish II SPA200 9,10,11,12 1 YR

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will explore more complex grammatical concepts, as well as learn how to communicate properly in a variety of real-life situations through reading, writing, speaking, listening, and culture. Students will demonstrate their learning through a variety of reading, writing, speaking, and listening tasks in the target language. A passing grade and teacher permission are required to move on to Sp III. Students may earn college credit from Everett Community College as "College in the High School". **HW2** 

Spanish III SPA300 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will broaden and deepen their learning of vocabulary and complex grammatical structures through reading, writing, speaking, listening, and culture. The target language will be the main means of communication in the classroom. Students may earn college credit from Everett Community College as "College in the High School". **HW2** 

Spanish IV SPA400 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will apply their grammar and vocabulary knowledge, as well as their reading, writing, speaking, and listening skills, in a wide variety of real-world contexts. Students will learn to engage in conversation and deliver presentations in a variety of formats. Students will be able to comprehend native speakers and read various documents, including fiction and non-fiction. The target language will be the main means of communication in the classroom. Students may earn college credit from Everett Community College as "College in the High School". **HW2** 

Spanish V SPA500 9, 10, 11, 12 1 YR

Recommendation: See WL Chart 2 pg.83

Credit for graduation: Elective

Students will apply their knowledge of grammar and vocabulary to their reading, writing, speaking and listening skills in a wide variety of real-world contexts. Students will learn to speak at length, write in a variety of formats, comprehend native speakers and read various documents. Students may earn college credit from Everett Community College as "College in the High School". **HW5** 



# **English Language Learners**

English Reading Acquisition I QRA100 9, 10, 11, 12 1 YR

Prerequisite: none

Credit for graduation: Elective

This is a course for ELL students with very limited English language proficiency. Students will write simple phrases and sentences for a familiar audience. Students will be introduced to standard grammar, punctuation and spelling. District adopted ELL curriculum will be taught. ELL endorsed teacher will teach the course.

English Reading Acquisition II QRA300 9, 10, 11, 12 1 YR

Prerequisite: none

Credit for graduation: Elective

This is a course for ELL students with progressing English language proficiency. Students will be reading, writing, speaking and listening at the progressing stage of the ELL program. Students will be expanding their grammar, punctuation and spelling in the English language. District adopted ELL curriculum will be taught. ELL endorsed teacher will teach the course.

# Individual Education Plan Courses (IEP)

Courses from this department are designed to provide each student with specially designed instruction in the least restrictive academic environment. The Individual Education Plan (IEP) manager, as specified on the Individual Education Plan of each student, assigns the classes. Classes under this category are taken by teacher permission



# SDI English

English I KEN100 9 1 YR

Prerequisite: IEP students qualifying in the area of written language and/or reading Credit for graduation: English

Basic reading and writing skills instruction that builds skill development though literature & informational text adapted for individual reading levels. Students are introduced to communication techniques, career exploration, and technology. Specially designed instruction will target individual learning needs.

English II KEN200 10 1 YR

Prerequisite: IEP students qualifying in the area of written language and/or reading Credit for graduation: English

Combined reading and writing skills instruction that advances skills learned in English I. Literature & informational text adapted to individual reading levels will be used as a foundation for expanding reading and writing skills. Students continue to build on skills in communication techniques and technology. Career exploration will focus on individual pathways. Specially designed instruction will target individual learning needs.

English III KEN300 11 1 YR

Prerequisite: IEP students qualifying in the area of written language and/or reading who are not college bound

Credit for graduation: English

Reading and writing skills instruction that builds on English II skill development for IEP students qualifying in the area of written language and/or reading whom are not college bound. Literature & informational text adapted for individual reading levels. Communication techniques and technology skills are applied in writing and public speaking assignments. Students continue to build on their career exploration pathway. Specially designed instruction will target individual learning needs.

English IV KEN400 12 1 YR

Prerequisite: IEP students qualifying in the area of written language and/or reading who are not college bound

Credit for graduation: English

Reading and writing skill instruction is emphasized working toward proficiency at the high school level for IEP students qualifying in the area of written language and/or reading whom are not college bound. Builds on English III skill development through various literary genres & informational text adapted for individual reading levels. Communication and technology skills are applied in writing and public speaking assignments. Students continue to build on their career exploration and post-secondary pathways. Specially designed instruction will target individual learning needs.

Reading/Writing in the Content Area KRW100-200

9,10,11,12

1 YR

Prerequisite: IEP qualifying area of writing and/or reading

Credit for graduation: Determined by IEP

Direct instruction in reading and writing skills focused on learning new content information and communicating written information. Students will apply learned skills strategies to improve success in content area classes. Specially designed instruction will target individual learning needs.

### **SDI Mathematics**

Algebra Foundations A KME100 9,10,11,12 1 YR

Prerequisite: Students receiving specially designed instruction

**Credit for graduation: Math** 

Students will cover pre-algebra topics following 6th - 8th Common Core Standards for Math. The four major themes of this course are: Ratios & Proportions, The Number System, Expressions and Equations, & Functions.

Algebra Foundations B KME200 9,10,11,12 1 YR

Prerequisite: Algebra Foundations A Credit for graduation: Algebra 1

This course will use the Gen-Ed Algebra 1 curriculum and tailor instruction to meet the specific needs of the students in the course. Students that pass this course may move to Geometry (Gen-Ed) with a Mathematics LAB for support. It is recommended that students take Algebra Foundations A prior to taking this course.

Consumer Math KMA001 9,10,11,12 1 YR

Prerequisite: Identified need for math and/or transition skills on evaluation and IEP

Credit for graduation: Math

Students will cover topics in the following units: Number Sense, Ratios, Measurement, Algebraic Thinking (Order of operations, finding a missing variable, solving simple formulas), Elapsed time, Basic Probability and Statistics, & Technology.

Occupational Math KMA003 9,10,11,12 1 YR

Prerequisite: Identified need for math and/or transition skills on evaluation and IEP

Credit for graduation: Math

This course is project-based and covers a variety of topics in finance and mathematics in careers. Students will engage in projects relevant to work in construction trades, retail, business, culinary, manufacturing and more.

Mathematics Lab KML100 9,10,11,12 1 YR

Prerequisite: Identified need for math and/or transition skills on evaluation and IEP

Credit for graduation: Determined by IEP

Instruction is provided to improve math skills through computational review and operational strategies. Lab will connect math instruction to general education math courses. Specially designed instruction to target individual learning needs will be provided.

#### SDI Other

Learning Strategies KOL100-400 9,10,11,12 1 YR

Prerequisite: Identified need on evaluation and IEP

Credit for graduation: Determined by IEP

Instruction will be provided in the areas of organizational strategies and study strategies as they relate to improving success in academics. Specially designed instruction to target individual learning needs will be provided.

Learning and Behavioral Support KHP100 9,10,11,12 1 YR Prerequisite: Identified need on evaluation and IEP, documented by a current FBA and BIP Credit for graduation: Determined by IEP

Instruction to increase positive behaviors related to improved success in school. Focus on developing positive self-regard and regard for others, goal setting, anger management strategies, conflict resolution, and effective communication.

Social Thinking and Pragmatic Language Skills KTP100 9,10,11,12 1 YR

Prerequisite: Individualized Education Plan (IEP)

Credit for graduation: Determined by IEP

This class focuses on the development of specific thinking strategies that occur prior to social communication and interaction. Students are taught how their own social minds work and why they and others react and respond the way that they do. They will explore how their behaviors affect the way others perceive and respond to them as well as how this affects their own emotions, responses to the relationships with others across different social contexts.

# Kamiak Life Academics

Functional Academies KLA100-400 9,10,11,12 1 YR

Prerequisite: Identified transition need on evaluation and IEP for basic life skills and/or transition skills Credit for graduation: Elective

Integrated instruction in functional reading, writing, and mathematics skills. Applied to basic life skill needs related to school, community, and home. Specially designed instruction to target individual learning needs will be provided.

Applied Adult Living Skills KAA100 9,10,11,12 1 YR

Prerequisite: Students must need specially designed instruction in the area of adaptive living/behavior and have IEP goals in the area.

Credit for graduation: Elective

This course of study is designed to provide instruction in adaptive living skills in such areas as grooming, hygiene, self-help, mobility, communication, community and personal safety, phone skills, health, completing household tasks and simple meal prep. Students will use verbal and/or augmentative/alternative communication during the class.

Social Skills KSS100 9,10,11,12 1 YR

Prerequisite: Students must have social skills goals on IEP

Credit for graduation: Elective

This course provides instruction in social and behavior-related areas including, but not limited to, beginning social skills (i.e.: listening, starting a conversation, asking a question); skills for dealing with feelings; alternatives to aggression; skills for dealing with stress; planning skills (deciding on something to do, deciding what caused a problem, solving problems).

Community Awareness KCA100-400 9,10,11,12 1 YR
Prerequisite: Identified need for basic life skills and/ or transition skills on evaluation and IEP

Credit for graduation: Elective

Develop skills related to access and integration in the community. Focus on safety in the community, activities and resources available, and appropriate social behavior. Specially designed instruction to target individual learning needs will be provided.



# <u>Sno-Isle TECH Skills Center Courses – organized by Career Pathway</u>

Sno-Isle TECH Skills Center, located near Paine Field in Everett, is a cooperative effort of 14 local school districts. The purpose of each program is to provide you with skills that will prepare you for entry-level jobs after graduation from high school or for related post high school education or training. Many students choose to obtain skill training so that they can earn more efficiently, as well as accrue experience hours, while they work their way through a four-year university in the field of their choice. For example, a registered Dental Assistant may earn \$12 - \$15/hour while pursuing a degree to become a dentist or orthodontist. That can be really helpful with today's rising tuition costs!

All occupations are organized into six broad clusters or "pathways" based on tasks that are performed on the job. As students become more knowledgeable about themselves, they will tend to be more "comfortable" in one or two of the pathways. All Sno-Isle programs are found in one or more of the six pathways.

Students interested in attending Sno-Isle should have a good attendance record at their sending high school and should give careful consideration to their level of interest in making a commitment to a particular program. This is especially important because the programs are at least year in length. Some programs extend the offer to return for a second year, to those students who consistently demonstrate leadership, have excellent attendance, and are motivated to succeed.

Application to Sno-Isle is made in the early spring of each year for entrance into fall classes. Application forms are available in February on the website at www.snoisletech.com. Sno-Isle works with your counselors to obtain your transcript and other records when you apply. Personal interviews for students submitting applications will be conducted at Sno-Isle in March, and students are notified of their selection later in the spring.

There are two sessions each day at Sno-Isle. The first session is from 7:55 to 10:25 each morning, and the students then return to their regular high school to attend afternoon classes. The second session is from 11:10 to 1:40 each

afternoon with the students attending their regular classes at their regular high school in the morning. Transportation to Sno-Isle is provided by the district. Please note: some schools may attend Sno-Isle either in the AM Session, or the PM Session, but not both. Contact your counselor for more details.

Sno-Isle students complete their graduation requirements at their regular high school. Students can earn one and one-half credits each semester at Sno-Isle. Many Sno-Isle programs also offer core equivalency credit as well as reduced college credit opportunities. Students can receive more information by contacting their counselor.

Sno-Isle has articulation agreements with Everett Community College, Edmonds Community College, Everest College, Shoreline Community College, Lake Washington Institute of Technology and many other community and technical colleges in the area. Through these agreements, student successfully completing selected Sno-Isle programs may receive college credit or a waiver on some learning requirements in a variety of college classes. Anyone planning to receive college credit for a Sno-Isle course must check with the Sno-Isle instructor for specific program requirements.

# **Business, Marketing & Management**

#### Cosmetology 1 (Sno-Isle TECH Campus)

This is an introductory course offered on the Sno-Isle TECH campus for 11th or 12th grade students. Students will practice basic Cosmetology services such as shampooing/draping, hair analysis/treatment, hair cutting, natural nail care, basic skin care, temporary hair removal, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring/lightening, safety measures and decontamination control in a closely supervised lecture/lab class. Students practice on models, mannequins, and each other. The curriculum framework is provided by the Everett Community College Cosmetology program, where students completing this program may have the opportunity to continue their training.

Keys to Success: Enjoy working with people, good communication skills, highly motivated, focused, have good eye and hand coordination, good attendance, creativity and flexibility.

#### **EvCC Cosmetology (Everett Community College Campus)**

Students enroll in the EvCC Cosmetology program. Sno-Isle TECH subsidizes a portion of the tuition if attaining a passing grade. Students are required to purchase their own beauty kit and IPad (See cost list for details). Training begins during fall quarter of 12th grade, continues through the 12th grade year, plus additional quarters to complete 1730 clock hours for a Washington state Cosmetology License. Students who take this class after completing Cosmetology 1 course (above) with a C or better, can transfer their hours, and save about \$2500.00 allowing for a shorter completion time.

#### **Culinary Arts**

Great restaurants are known for their chefs, and great chefs are known for their education. This program lets you experience working in a real restaurant—our own! This is a fast paced, hands-on class—with emphasis on contemporary culinary techniques, under the direction of a professional chef. Understand what makes good food great and what makes great food outstanding. Get a glimpse of the skills needed to manage a business. Discover the fun of making wonderful food, providing professional service, and learning valuable, marketable skills. Keys to Success: Good math skills, strong work ethic, effective communication skills, ability to multi-task under pressure, dependable team player.

#### **Fashion and Merchandising**

The world of fashion is exciting, fast paced, and creative. Channel your sense of style and your business savvy into a career. This program surveys the fashion industry with emphasis in retail, wholesale, manufacturing, textiles and design. Seattle is fourth in the nation in the fashion industry, with a variety of careers available. We are home to Nordstrom, Tommy Bahama, Zulily, Amazon, Brooks Shoes, and more! Let us help you develop your talents from Designing a Line of Clothing, Visual Communication, Social Media & Marketing, E Commerce and Project Management/Event Planning! You will gain practical knowledge and learn what it takes to succeed in the business of fashion.

Keys to Success: Interest in the fashion business; strong work ethic, team player, ability to multi-task, retail math skills.

# **Human Services**

#### **Careers in Education**

Have you ever considered a career in public education? Do you enjoy working with kids, and like helping or explaining things? You may immediately think of being a teacher, but there are so many more careers in education that offer decent pay, health benefits, and a great schedule. This course explores all the aspects of educational careers, focusing primarily on teaching, and includes internships so you will begin building your resume right away. Plus, you'll be prepared to take the Washington State Para-Educator Test for Certification right after graduation, so you can start working in the field immediately and make a difference for others!

Keys to Success: Desire to help others, a self-starter, positive attitude, love of learning, strong work ethic and ability to work with others.

#### **Criminal Justice**

Students will have extensive exposure to the career opportunities within law enforcement. The class has numerous guest speakers, field trips, and a lethal force decision making simulator. Students receive professional training in handcuffing, weaponless defense scenarios, First Aid and CPR. Students accepted into this program must have personal integrity. Subject matter can be very intense, dealing with the complexity of morals, ethics, civil liberties, civil rights, cultural diversities, case law and current events. Disqualifiers for law enforcement employment include history of continual illegal drug use, felony or domestic violence convictions.

Keys to Success: Competency in English (writing and comprehension); willing attitude to master material and demonstrate physical skills; common sense and sound reasoning.

#### Fire Service Technology

If you want to be a Structural or Wildland Firefighter as well as develop your self-confidence, leadership and teamwork, then register for Fire Service Technology. This one-year program follows the I.F.S.T.A. (International Fire Service Training Association) Essentials Curriculum while teaching firefighting skills. Students will work in a classroom setting as well as outside in inclement weather completing field and drill activities. Successful students may earn college credit, HS equivalency credit for PE, and skills for life.

Keys to Success: Good communication skills, positive attitude, and desire to work hard.

#### Translation and Interpretation

Pre-requisite: Bilingual and Bi-literate in English and another language [minimum of 2 credits in English and 2 credits in World Language (or equivalent)]. Are you a bilingual student with an interest in helping others? Do you ever help interpret for friends or family? Have you ever considered earning a living by translating and interpreting

in a Medical, Educational, or Legal setting? In this safe and supportive environment, learn how to accurately and professionally transfer communication from one language to another in written and verbal form. Develop your own professional portfolio and practice your skills through job shadows and internships. Finally, prepare for the Washington Certification Exam and have the opportunity to walk out the door ready to be paid for your hard work! Keys to Success: listens attentively, communicates clearly, works well with and enjoys helping others.

# **Information Technology**



#### **Animation**

Animation is an ever-expanding occupation marked by originality, hard work and a love of the job. Successful animators are capable of an impressive income and, more importantly, enjoying what they do. The primary goal of this course is to build the foundation necessary for students who want careers in animation for video game art or animation for film. Many topics are covered, including portfolio development, manual and 3D modeling, project management, storyboarding, rendering, and animation shorts, among others. Students can earn Fine Arts and Geometry equivalency credit.

Key to success: comfortable with group collaboration but also work well individually. Successful completion of Drawing or Art classes are a plus, but not required!



## Computers, Servers & Networking

IT is one of the fastest growing industries in the world. Are you interested in a challenging, dynamic career? Apply for CSN. Students work in an up-to-date lab setting, learning with a hands-on, problem-based approach. We learn to troubleshoot computers and networks, learn and develop for the Internet of Things, Raspberry Pi, and cloud computing. Successful students earn on the job skills, CompTia certifications, up to 25 college credits, English equivalency credit, and skills that last a lifetime.

Keys to Success: Ability to read and follow written directions, interest in IT, problem solving skills, strong work ethic, ability to work well in teams.



#### **Electronics Engineering Technology**

Prerequisite: Successful completion of Algebra 1. Electronics - The technology that puts the E in Everything! Love projects? You will create at least two major projects focusing on understanding systems and troubleshooting. This is a hands-on, applications-based class. Learn about components, circuit design and programming. An opportunity to build an electric guitar and solar panel is available to the motivated student. Use of test equipment and hand tools is emphasized. Successful students earn college credits in Engineering Technology. This is a math intensive program. Students can earn a math equivalency credit.

Keys to Success: Enjoy working with your hands & problem solving; self-starter.



#### Video Game Design

Prerequisite: Successful completion of Algebra 1. Students learn to design and create video games using trigonometry and higher math, computer programming in C#, and 2D computer animation. This course prepares students with skills necessary for the video game industry's biggest needs: qualified video game designers and programmers. Students work toward industry certifications such as Unity Certified Developer. This is a math intensive program. Successful students can earn an English and an Algebra 2 or Geometry equivalency credit. Keys to Success: Ability to work in teams, time management for projects, motivation. Computer classes suggested, but not necessary.

# Science and Health



### **Dental Assisting**

Prerequisite: Successful completion of Biology and Health. Be a professional right out of high school! Dental Assisting is a blend of health, science, and people skills. Gain experience in traits such as teamwork, communication, and technical skills for your transition into a dental profession. Includes pre-clinical and clinical sciences, OSHA safety standards, and a 7-hour HIV/AIDS training, which assist in qualification for state registration as a Dental Assistant. Entry level employment opportunities are available in the Puget Sound area. Continue your education to become a Dental Hygienist or a Dentist!

Keys to Success: Teamwork, respect, accountability, attendance, organization. A grade of 80% or better is required by end of 1st semester to remain in program for 2nd semester.

#### **Healthcare Careers**

The Healthcare Careers program can help you figure out where you are headed with a blend of clinical and administrative skills, anatomy and physiology, medical terms, and experience in multiple healthcare settings. Through online instruction, demonstration, hands-on skills practice, guest speakers, field trips, and job shadowing, you will figure out your next steps in the growing healthcare industry!

Keys to Success: Successful completion of high school Health/English, with a high school reading level due to the college level text material. Additional pathway classes: biology, sports medicine, and computer technology will support success.



#### **Medical Assisting**

Prerequisite: Successful completion of Biology and Health. This course will help jumpstart college or a career in the medical field. Learn the language of health care professionals. Take blood pressure, temperature, pulse, respiration, height, and weight. Perform vision screening, surgical scrub, CPR, and First-Aid, and learn office skills and medical instruments. Participate in Spring internships at a health care facility. Earn up to 8 college credits. Keys to Success: At least high school reading level due to college level text. A grade of 80% or better is required by end of 1st semester to remain in program for 2nd semester.



#### **Nursing Assistant**

Prerequisite: Successful completion of Biology and Health. Pass a criminal background check and drug screen and have a current Social Security Number. Wondering if the world of healthcare is right for you? Take the first step by becoming a CNA. The successful student will complete the course with a Washington State Certification. Experience learning basic patient care in the classroom and lab and then give that care to patients in a long-term care setting. You'll be immediately employable after certification; this is a high demand occupation. Earn up to 17 college credits.

Keys to success: Strong work habits, good attendance, an empathetic person who enjoys caring for others! A grade of 80% or better is required by end of 1st semester to be eligible for patient care.



#### **Veterinary Assisting**

Prerequisite: Successful completion of Biology and Health. Ideal program for students interested in a fast-paced, high intensity, animal-related career. Learn theory and skills needed to become a veterinary assistant. Investigate animal careers and advanced schooling options. Gain experience through classroom activities and daily handling

of our resident animals, in a setting that models industry work sites. Use your knowledge and skill to complete a 100-hour internship at an animal care facility.

Keys to Success: Biology, Chemistry, math, and a strong work ethic. A grade of 80% or better and instructor approval, is required by end of 1st semester to remain in program for 2nd semester.

# **Trades and Manufacturing**



## Aerospace Manufacturing and Maintenance Technology

The program provides basic training in aircraft assembly and maintenance. A combination of textbook assignments, lectures, shop activities and teamwork incorporate the goal of preparing students for entry level training programs in local aerospace manufacturing companies and community/technical colleges. We focus on safety, tool identification and proper use, and technical skills - drilling, deburring, riveting and fastener installation on aluminum and titanium. Successful students may earn up to 40 college credits over 2 years. HS equivalency credit available in English, Math and Science.

Keys to Success: The ability to read technical texts and service manuals. Basic math skills including decimals, fractions, percentages, and formulas. Work independently to complete projects. Solve problems, and complete project tasks.



## Auto Body/Collision Repair

The program provides training in auto body work using a combination of textbook assignments, lectures, labs, demonstrations, and teamwork. Auto Body/Collision Repair focuses on safety, tool identification and proper use, vehicle construction, minor body repair, sanding, painting components and techniques, estimating damaged vehicles, welding and other technical skills. The program includes use of I-CAR professional training program and certification. HS equivalency credit available in Fine Arts.

Keys to Success: Strong work ethic, understand and follow written and verbal instructions, critical thinking, self-guidance and team collaboration.



#### **Automotive Technology**

Skilled Automotive Technicians are in high demand! If you are interested in a career as an Automotive Technician, this is the program for you! The auto industry is seeking skilled people who can diagnose and repair the complex technology in today's vehicles. In our Auto Tech program, students learn to repair various systems of a vehicle using an interactive web-based curriculum and NATEF tasks and guidelines. Our students have the opportunity to work in an active auto shop where skills are applied in a job-like setting. This is a technical, preparatory program and requires high-level skills to be successful. HS equivalency credit available in English and Science. Keys to Success: Be responsible for your learning; have high school level math, reading and writing skills. Communicate, think, act professionally, and solve problems.

#### **Construction Trades**

Want to join a construction company and be introduced to many different jobs in the industry? Students will learn about job safety, framing, roofing, siding, stairs, rafters, basic rigging, and many different projects using the tools of the trade such as a table saw, disc sander, skill saw, band saw, and various hand tools. This program is coordinated and sponsored in partnership with the NCCER (National Center for Construction Education and Research) and CITC of Washington (Construction Industry Training Council). With successful completion of this program, students will receive a National Certificate of Completion of Core Curriculum. HS equivalency credit available in Geometry. \*New 2019-20 school year - Youth Apprenticeship Opportunity available in this class.

Keys to Success: Ability to follow verbal and written direction; problem solving skills, ability to work in groups, strong work ethic.



#### Diesel Power Technology

The Diesel Power Technology program prepares students for an entry level position in the heavy-duty industry. While working with actual trucks and equipment, students learn in 7 areas of study. With changes in environmental regulations and safety, there is an emphasis on technology and diagnostics. Students enjoy this hands-on learning environment.

Keys to Success: Strong work ethic, ability to understand and follow written and verbal instructions; basic math including fractions and decimals, critical thinking, self-guidance and team collaboration. Organizational skills are also essential.



### **Precision Machining**

Almost everything you own was made by machinists or with tools made by machinists. Machining students plan and make precision finished parts from raw material using lathes, mills, and CNC (computer numerical control) machines. This can be the beginning of a great career or a vital stepping-stone toward many college degree careers. For example, the best and highest-paid engineers have machining skills. \*New this year - Youth Apprenticeship Opportunity available in this class.

Keys to Success: Positive attitude, ability to listen and follow instructions, self-starter and team collaboration, basic math skills.



### **Welding and Metal Fabrication**

This industry-based shop environment is designed for the student who would like to receive a general metal working background as a foundation for continuing education or a living-wage career. Welding, fabrication and safety are taught with a blend of lecture, assignments and hands-on competencies that maintain the student's interest and foster a deeper appreciation of the trade. Successful students can earn up to 30 college credits. Keys to Success: Strong work ethic, positive attitude, understand and follow written and verbal instructions, basic math skills, motivated self-starter, work as a team member.

#### **Dual Credit Opportunities**

Sno-Isle students may have an opportunity to earn reduced college credit at the same time they are earning high school credit. Students may earn up to 36 credits depending upon the program. Ask your counselor or Sno-Isle Instructor for details.

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# **Course Summary**

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Attendance Office Asst	OFA092(S)	Jazz Ensemble (0 per)	BNJ100
AVID 9	AVD100	Jazz Ensemble, Adv (0 per)	BNJ200
AVID 10	AVD200	Musical Performance	ACT395(S)
AVID 11	AVD300	Music Theory - AP	MUS400-AP
Career/Counseling Office Asst	OFA093(S)	Percussion Solo/Ensemble	BNP100
Classroom Teacher Asst	CTA090(S)	Philharmonic Orchestra	ORC200
Debate (7 <sup>th</sup> per)	DEB200	<ul><li>Stagecraft IA/ IB</li></ul>	ACT191/192(S)
Intro to Leadership	LEA090(S)	Symphonic Band	BND200
Leadership I	LEA100	Theatre Arts I	ACT195(S)
Library Teacher Asst	LIB090(S)	Theatre Arts II	ACT297(S)
Office Asst	OFA091(S)	Theatre Arts III	ACT391(S)
Peer Mentoring	PRM290(S)	Theatre Arts IV	ACT392(S)
Yearbook	ANN200	Wind Ensemble	BND300
English (pg 52)		Math (pg 71)	
Bridge to College English	BCE100	Algebra I	ALG105
English I	ENG100	Geometry	GEO200
English I Honors	ENG100-HRS	Algebra II /Trig	ALG200
English Essentials I	DEV001	Algebra II/Trig Honors	ALG300-HRS
English II	ENG200	Pre-Calculus Honors	MATH&141/142
English II Honors	ENG200-HRS	Calculus - AB AP	MATH&151
English Essentials II	DEV002	Calculus - BC AP	MATH&152
English III	ENG300	Statistics - AP	MATH&146
English III - AP (Lang & Comp)	ENGL&101	Math in Society	MATH&107
English IV	ENG400	Modeling our World w/ Math	MWM100
English IV - AP (Lit & Comp)	ENGL&111	Bridge to College Mathematics	BCM100
Creative Writing	ENG292(S)		
Media Studies	ENG392(S)	Occupational/CTE (pg 28)	
	(-)	Advanced Engineering	PEG100
English Language Learners (pg	7 91)	Advanced Sports Medicine	SPO300
English Reading Acquisition I	QRA100	Advanced Sports Medicine Lab	SPO090(S)
English Reading Acquisition II	QRA300	Advanced Visual Comm	VCM300
English reduing requisition in	Q.1.1.000	<ul><li>Beginning Visual Comm-Photo</li></ul>	VCM291(S)
Fine Arts (pg 57)		<ul><li>Beginning Visual Comm-Video</li></ul>	VCM292(S)
Advanced Guitar	GUI193(S)	Biotechnology	BIT100
Advanced Guitai Advanced Philharmonic Strings	ORC300	<b>Business Strategies &amp; Operations</b>	MKT201
Art I	ART100	Career Choices	CCO090(S)
Art II	ART200	Careers in Ed.I	EDUC&202
Art III	ART300	Careers in Ed. II	CCE200
Art IV	ART400	Computer Science - AP	CSE142-AP
AP Studio Art: 2D Design Portfolio	ART503-AP	Computer Science - AP Principles	CSP100-AP
AP Studio Art: Drawing Portfolio	ART502-AP	Computer Sci: Adv Topics/Projects	CSE143
Chamber Winds	BND301	Cooking for Wellness	CNW191(S)
Choir – Bel Canto	CHC101	Engineering Design IA	CED191(S)
Choir – Chanson (SSA)	CHC100	Engineering Design IB	CED192(S)
Choir – Chanson (TTB)	CHC100Z	Engineering Design II	CED200
Concert Choir – Kantorei	CHC300	Engineering Design III	CED300
Concert Band	BND100	Environmental Science	SCI200
Dance, Perf. & Choreography I	ACD100	Financial Independence - Personal	CFF100A
Guitar I	GUI191(S)	Financial Independence - Career	CFF100B
Guitar, Intermediate	GUI192(S)	Forensic Science	CJ&240
History of Popular Music	MUS192(S)	•Graphic Arts I	CGA090/091(S)
Improvisational Theatre I	ACT291(S)	Human Development	EDUC&115D(S)
Improvisational Theatre II	ACT292(S)	Independent Living	CIL090(S)
Intermediate Orchestra	ORC101	Intro to 3D Animation & Design	GDA091/092(S)
		Intro to Programming	CCG090(S)

Intro to Culinary Arts	HFF193(S)
Interpersonal Relationship	CIR192(S)
Manufacturing Technology IA	MTC191(S)
Manufacturing Technology IB	MTC192(S)
Manufacturing Technology II	MTC200
Marketing Bus & Entrepreneur	MKT200
Marketing Ed Applied (wk exp)	MKT300
Microsoft IT Academy -Word	CDC090/091(S)
Microsoft IT Academy -Excel	CDC091(S)
Personal Choices	CPC193(S)
Personal Finances	CIL090(S)
Psychology – Interpersonal	CIP100
Relationship	
Robotics	CER090(S)
Sports & Entertainment Marketing	MKT091(S)
Sports Medicine	SPO200
Textiles & Design	CTD091/092(S)
Travel & Tourism Marketing	MKT092(S)
<ul><li>Web Design/Multimedia</li></ul>	DTP391(S)

# **PE / Health** (pg 67)

rt / neuitii (pg 0/)	
Aerobic Walking	PEHW121(S)
Aquatic Instructor Training	AQU191(S)
Health	HEA191(S)
Individual Sports	PED195(S)
Latin Aerobic Dance	PED193(S)
Lifeguard Training	LFG191(S)
Sports Officiating	PED192(S)
Team Sports	PED196(S)
Unified Aerobic Walking	PED094(S)
Unified Physical Education	PED201(S)
Team Sports	
Water Sport Aquatics	PED197(S)
Weight Training and Cond.	WTR191(S)
Yoga	PED092(S)

### Science (pg 76)

Biology	BIO200
Biology - AP	BIO300-AP
Chemistry	CHEM&121
Chemistry Honors	CHEM&121
Chemistry - AP	CHE400-AP
Collection of Evidence in Science	BIO290(S)
Human Physiology & Anatomy	PHS300-HRS
Honors	
Physical Science of the Universe	SCP100
Physics	PHY200
Physics Honors	PHYS&114
Physics C - AP: Mechanics	PHY400-APA
Physics C - AP: Electricity &	PHY400-APB
Magnetism	

## Social Studies (pg 81)

AP US Government & Politics POLS&202

American Law & Civics LAW491(S)
Contemporary World Issues CWI491(S)
Ethnic Studies ETH100
Holocaust & Genocide Studies Hum150D(S)
U.S. History USH300
U.S. History - AP HIST&146

World History WDH200
World History - AP HIST103D
Washington State Studies (7<sup>th</sup> per) PNW491

#### Specially Designed Instruction (pg 92)

specially besigned instruction	<u>II</u> (py 32)
Algebra Essentials I	KME100
Algebra Essentials II	KME200
Applied Adult Living Skills	KAA100
Career Seminar	KCE091(S)
Community Awareness	KCA100-400
Consumer Math	KMA003
English I	KEN100
English II	KEN200
English III	KEN300
English IV	KEN400
Functional Academics	KLA100-400
Independent Living I	KHF100
Learning and Behavioral Support	KHP100
Learning Strategies	KOL100-400
Mathematics Lab	KML100
Occupational Math	KMA004
Reading/Writing in Content Area	KRW100-200
Reading Strategies	KER100
Social Skills	KSS100
Soc Thinking/Pragmatic Lang Skills	KTP100
Work Experience II	KWS100
Writing Strategies	KEW100-200

## World Language (pg 85)

French I	FRE100
French II	FRE200
French III	FRE300
French IV	FRE400
French - AP Lang & Culture	FRE500-AP
German I	GER100
German II	GER200
German III	GER&123
German - AP Lang & Culture	GER500-AP
Japanese I	JPN100
Japanese II	JAPN&122
Japanese III	JAPN&123
Japanese - AP Lang & Culture	JPN500-AP
Spanish I	SPA100
Spanish II	SPAN&122
Spanish III	SPAN&123
Spanish IV	SPAN&221
Spanish V	SPAN&222

#### (S) Semester class

• Fine Arts or Tech Ed (occupational) credit

#### Student #: 1000001 Kamiak High School Date Due: March 30th, 2022 9th Grade Course Requests- Current grade: 8 Smith 555-555-5555 \_\_\_First Name: John Phone#: Last Name:\_\_ Required Classes Classes marked with a {T} require current teacher initials. Check one class per subject below: Put a 1 next to your top choice and a 2 next to your alternate 1. English (1.0 credit) 5. Fitness (0.5 credit) ENG100: English I 1 \_ PED195: Individual Sports ☐ ENG100-HRS: English I Honors PED094: Unified Aerobic Walking 2. Math (1.0 credit) PED196: Team Sports ☐ ALG105: Algebra I GEO200: Geometry {T} \_PED201: Unified Team Sports ☐ ALG200: Algebra II/Trig {T}\_ PED197: Water Sports □ ALG300-HRS: Algebra II/Trig Honors {T} \_\_\_ PED193: Latin Aerobic Dance 3. Science (1.0 credit) SCP100: Physical Science LFG191: Lifeguard Training CHEM&121H (Intro. to Chemistry): Chemistry Honors {T}\_\_\_ 2 PED092: Yoga and Tai Chi Summit only PED199: Aerobic Walking 4. Health (0.5 credit) WTR191: Weight Training& Conditioning HEA191: Health Electives List desired classes in order of preference and fill out all boxes. See reverse side for a list of elective class options. Elective Requests Alternative Requests Each box represents a semester (.5 credit). For year-long Please list your alternates in order of preference. classes please fill out two boxes to represent 1.0 credit. Course Title Course Title Course Code Course Code Teacher Initials (if required) Teacher Initials (if required) Spanish 1 SPA 100 Intro to Leadership LEA 090 **SPA 100** SMM 090 Spanish 1 Social Media Marketing Concert Band **BND 100** Water Sports PED 197 **BND 100** Concert Band Engineering Design 1A CED 191 Notes for your Counselor (include 0 and 7th period requests): I understand that by signing below I am committing to my course selections. I also understand that Kamiak will make every attempt to give me the classes that I am requesting but that ultimately, I will have limited opportunity to adjust my requests. For more details refer to the schedule change policy in the course guide.

Date: Parent/Guardian Signature:

# Kamiak High School

Date Due: March 10th, 2022	Kamiak	Hi	gh School	Student	#: 10000	001
	10 <sup>th</sup> Grade Course Requests		rse Requests			
	Curren	t gr	ade: <u>9</u>			
Last Name: SmithF	irst Name:	J	ohn	Phone#:	555-555	5-5555
	Require	4 (	Classes			
	-		er subject below.			
1. English (1.0 credit)		3. 5	Social Studies (1.0 cre			
ENG200: English II  ENG200-HRS: English II Honors		7	WDH200: World HIST103D (World		Indld Histor	v AD
2. Science (1.0 credit)		4.1	Math (1.0 credit)	Civilization). W	ond mistor	y Ar
□ BIO200: Biology			ath recommendations will b		tiv by your te	scher
□ BIO300-AP: Biology AP			□ ALG105: Algebra I □ GEO200: Geometi			
CHEM&121 (Intro. to Chemistry): Chel  CHEM&121H (Intro. to Chemistry): Chel			ALG200: Algebra			
CHE400-AP: Chemistry AP	emistry monors		ALG300-HRS: Alge		ors	
□ PHY200: Physics			MATH&141/142 (			
☐ PHYS&115/116 (General Physics I/II): I	Physics Honors		☐ MATH&107 (Math ☐ MATH&151 (Calc)	• • • • • • • • • • • • • • • • • • • •		ħ
			☐ MATH&151 (Calcu	-		
			☐ MATH&146 (Intro	•		P
			ives			
List desired classes in order of prefere	nce and fill out	all b	oxes. See reverse si	de for a list of	elective c	lass options.
Elective Requests			Alt	ernative R	equests	
Each box represents a semester (.5 credit)				ır alternates in		
classes please fill out two boxes to repres	ent 1.0 credit.	4				
Course Title Teacher Initials (if required)	Course Code			rse Title tials (if required)		Course Cod
French 2	FRE 200	4	Art 1			ART 100
French 2	FRE 200		Art 1			ART 100
Microsoft IT Academy - Word	CDC 090		Stagecraft 1A			ACT 191
Robotics	CER 090		Individual Sports	5		PED 195
Notes for your Counselor (include 0 and 7th period requests, audition/application classes, Sno-Isle, and Running Start):						
notes for your counseior finduce of and 7 period requests, audition/application classes, sho-tsle, and kunning starty.						
I would like to take 0 period Weight Training for 1 semester.						
I understand that by signing below I am committing to my course selections. I also understand that Kamiak will make						
every attempt to give me the classes that I am requesting but that ultimately, I will have limited opportunity to adjust						
my requests. For more details refer to the schedule change policy in the course guide.						
Student Signature:	Date:F	arei	nt/Guardian Signature	:		Date:

Date Due: March 9th, 2022

# **Kamiak High School**

Student #: 1000001

		11 <sup>th</sup> Grade Co	ur	se Requests		
		Current (	Gra	de: <u>10</u>		
Last Name:	Smith	First Name:		John	Phone#:	555-555-5555
		Required	ı	lasses		
	(	heck one class p				
1. English				Social Studies		
	00: English III &101 (English Composition I): E	nglish III AP		USH300: US Hist HIST&147/148 (	tory US History I/II/III): L	US History AP
3. Math-math	recommendations will be entered in O	(mlativ by your teacher				
1	)5: Algebra I				culus I): Calculus AB	
1	00: Geometry			•	culus II): Calculus BC	
1	10: Algebra II/Trig			•	ro. to Statistics): Sta	
I .	0-HRS: Algebra II/Trig Honors	<del></del>			al Independence—Pe	
	&141/142 (Pre-Calculus I/II): P				al Independence–Ca	
X MATH	&107 (Math in Society): Discre	te Matn		☐ MWM100: Mode	eling Our World Wit	th Math
List desire	ed classes in order of prefere			ives ooxes. See reverse s	side for a list of ele	ective class options.
	Elective Requests			Al	ternative Req	uests
Each box re	epresents a semester (.5 credit	). For year-long			our alternates in ord	
classes ple	ease fill out two boxes to repre	sent 1.0 credit.				•
Tea	Course Title cher Initials (if required)	Course Code			urse Title nitials (if required)	Course Code
Spanish III		SPAN&123		Environmental	Science	SCI 200
Spanish III		SPAN&123	4	Environmental S	cience	SCI 200
Beginning '	Vis Comm	VCM 291	4	Weight Training	9	WTR 191
Cooking for	Wellness	CNW 191	$\downarrow$	Art II		ART 200
Chemistry		CHEM&121	$\downarrow$	Art II		ART 200
Chemistry		CHEM&121	╛	Theatre Arts I		ACT 195
Notes for your Counselor (include 0 and 7th period requests, audition/application classes, Sno-Isle, and Running Start):  I am considering doing part-time Running Start.						
I understand that by signing below I am committing to my course selections. I also understand that Kamiak will make every attempt to give me the classes that I am requesting but that ultimately, I will have limited opportunity to adjust my requests. For more details refer to the schedule change policy in the course guide.						
Student Signati	ure:	Date: P	are	nt/Guardian Signatui	re:	Date:

Kamiak High School Student #: 1000001 Date Due: March 8th, 2022 12th Grade Course Requests Current grade: 11 Smith Phone#: 555-555-5555 John Last Name: First Name: Required Classes Check one class per subject below. 1. English (1.0 credit) Put a 1 next to your top choice and a 2 next to your alternate 2. Social Studies (1.0 credit) ENG400: English IV X ENGL&111 (Intro. to Literature): English IV AP ETH100: Ethnic Studies ENG392: Media Studies - semester CWI491: Cont. World Issues - semester □ ENG292: Creative Writing - semester HOL191: Holocaust & Genocide – semester LAW491: Law - semester POLS&202 (American Gov.): US Gov. and Politics AP Electives List desired classes in order of preference and fill out all boxes. See reverse side for a list of elective class options. Elective Requests Alternative Requests Each box represents a semester (.5 credit). For year-long Please list your alternates in order of preference. classes please fill out two boxes to represent 1.0 credit. Course Title Course Title Course Code Course Code Teacher Initials (if required) Teacher Initials (if required) German III GERM&123 MATH&107 Math in Society German III GERM&123 Math in Society MATH&107 Cooking for Wellness CNW 191 Forensic Science CJ&240 Intro to Culinary Arts HFF 193 CJ&240 Forensic Science MATH&141/142 Pre-Calculus Honors VCM 300 Advanced Vis Comm Pre-Calculus Honors MATH&141/142 VCM 300 Advanced Vis Comm AP Biology BIO 300-AP Weight Training WTR 191 CCO 090 AP Biology BIO 300-AP Career Choices Notes for your Counselor (include 0 and 7th period requests, audition/application classes, Sno-Isle, and Running Start): I applied to be in Leadership. If I get in, please take me out of Cooking and Intro to Culinary Arts. I would also like to do 0 period weight training all year. Check this box if you need to take the Washington State Studies Packet-Class to fulfill this graduation requirement I understand that by signing below I am committing to my course selections. I also understand that Kamiak will make every attempt to give me the classes that I am requesting but that ultimately, I will have limited opportunity to adjust

Date: Parent/Guardian Signature:

Date:

my requests. For more details refer to the schedule change policy in the course guide.

Student Signature: