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INTRODUCTION

*The mission of Kelso Public Schools is to prepare every student for living, learning and achieving success as a citizen of our changing world.*

The Course Catalog outlines the program of studies in grades 9 - 12 at Kelso High School. The wide range of courses available to students reflects the District's effort to provide for the diverse interests of Kelso's young people while continuing the community's strong commitment to instruction in basic skills, as well as career & technical areas. The Course Catalog enables students to capitalize on their strengths and interests when developing a comprehensive plan for their secondary school experience.

The purpose of this catalog is to furnish information to parents/guardians, students, and staff to plan a program of study for students. Students should:

- Review the requirements for high school graduation and review their High School and Beyond plan with parents/guardians.
- Carefully read the Course Catalog before completing their forecasting sheet.
- Consult with parents/guardians and school counselors/teachers when planning their program.

In the event of insufficient enrollment or staffing, any class in this course catalog may be cancelled. However, we will make every effort to assist a student in revising his/her schedule.

**PLEASE KEEP THIS CATALOG FOR FUTURE REFERENCE**

Kelso School District #458 provides equal educational opportunities and treatment for all students in all aspects of academic and activities programs. The District complies with all federal rules and regulations and does not discriminate in any programs or activities on the basis of race, religion, creed, color, national origin, age, honorably-discharged veteran or military status, sex, sexual orientation (gender expression or identity), marital status, the presence of any sensory, mental or physical disability, participation in the Boy Scouts of America and all other designated youth groups listed in Title 36 of the United States Code as a patriotic society or the use of a trained dog guide or service animal by a person with a disability. District programs shall be free from sexual harassment. This holds true for all district employment and opportunities. Compliance procedures regarding employees should be directed to Tim Peterson, Director of Human Resources, the school district's Title VII Officer and ADA Coordinator. People of disability may request reasonable accommodation in the hiring process by contacting, Tim Peterson, Director of Human Resources, 601 Crawford Street, Kelso, WA 98626 or (360) 501-1924. Inquiries regarding compliance procedures regarding students may be directed to Don Iverson, Director of Student Services, the school district’s Title IX Coordinator or Holly Budge, Director of Special Programs, the school district’s Section 504 Coordinator, 601 Crawford Street, Kelso, WA 98626 (360) 501-1900.
GRADUATION REQUIREMENTS, RELATED POLICIES & PROCEDURES

High school graduation represents a certain amount of growth in academic, social, physical and occupational skills generally thought to be useful in adult life. Since each student enters the high school experience with a unique set of needs and abilities, it can be expected that the experience provided and the amount of growth observed will vary widely among students. Although there are many differences among students, and graduation from high school will not represent exactly the same thing for every student, the Kelso School District does possess the responsibility to assure some degree of consistency among its secondary schools with respect to the education represented by a high school diploma. This responsibility leads the Board of Education to hereby establish requirements for high school graduation. These requirements shall be consistent with the provisions in Chapter 180-51 WAC.

REQUIRED COURSE OUTLINE:

<table>
<thead>
<tr>
<th>Course Area</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts</td>
<td>• Language Arts 9, Language Arts 10, Language Arts 11</td>
<td>4.0</td>
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<tr>
<td></td>
<td>• Senior Language Arts Electives</td>
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</tr>
<tr>
<td>Science</td>
<td>• Integrated Science - Earth/Space &amp; Physics (grade 9) or equivalent</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>• Biology I and II</td>
<td></td>
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<tr>
<td></td>
<td>• Chemistry I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Science Elective</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>• World History &amp; Geography (grade 10)</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>• US History (grade 11)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• American Government (grade 12)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 1 Social Studies Elective</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Washington State History (non-credit requirement usually taken in grade 7)</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td>• Algebra I (or math above Algebra II)</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>• Geometry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Algebra II (or equivalent)</td>
<td></td>
</tr>
<tr>
<td>Occupational/CTE</td>
<td>• Agriculture and Natural Resources, Automotive, Business, Marketing and Visual Technology, Engineering Design and Fabrication, Family and Consumer Science, STEM, Off-Campus Programs (Fire Science First Responder, Health Science Careers, Police Science)</td>
<td>1.0</td>
</tr>
<tr>
<td>Family Health</td>
<td>• 9th Grade</td>
<td>0.5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>• 9th Grade PE</td>
<td>2.0</td>
</tr>
<tr>
<td></td>
<td>• 3 PE Electives</td>
<td></td>
</tr>
<tr>
<td>Fine Arts*</td>
<td>• Music, Art, Theatre, some CTE Courses</td>
<td>2.0</td>
</tr>
<tr>
<td>World Language*</td>
<td>• Japanese, French, Spanish, American Sign Language</td>
<td>2.0</td>
</tr>
<tr>
<td>Electives</td>
<td>*Personal Pathway Choice</td>
<td>5.5</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>26.0</strong></td>
</tr>
</tbody>
</table>

NON-CREDIT REQUIREMENTS

Take ELA, Math, and Science Assessments
Pass Washington State History
High School and Beyond Plan
Culminating Project
REQUIRED CLASS LOAD

- In grades 9, 10, and 11, each student must be enrolled in five (5) periods per day.
- In grade 12, each student must be enrolled in a daily minimum program of four (4) class periods or its equivalent, per trimester. The student must be in good standing, having passed all CORE classes through their junior year, to be eligible for early release.
- Waiver of the class load provision shall require compelling reasons which must include one or more of the following:
  1. Supporting request from the attending physician.
  2. Clear evidence that the request for limited class enrollment is not a matter of personal preference, and that the educational development of the student can be best met through a reduced program of classes.
  3. Such waiver, when granted, shall be effective for one (1) trimester only.

TRANSFER STUDENTS

A full program of classes at other public or private accredited secondary schools will be honored by the Kelso School District as the equivalent of a full program of classes when evaluating credits for graduation.

Students transferring to Kelso schools during the trimester from other accredited public or private secondary schools may enroll in a full schedule of classes for credit; grades and attendance records will transfer in accordance with appropriate district policies and procedures.

PARTICIPATION IN COMMENCEMENT EXERCISE

To participate in Kelso School District commencement exercises, students must meet the criteria for graduation prior to the date of the exercise and otherwise be in good standing with their school through the commencement date. Only students who are in regular attendance, owe no fines, and have earned the required 26 credits, or have met specific program requirements, will have the privilege of participating in graduation ceremonies. In the event that discipline is imposed for violations of school rules, the student may be denied participation in graduation ceremonies. Such exclusion shall be regarded as a school suspension. In such instances, the diploma will be granted, provided the student has met all of the requirements.

Also, a student’s diploma or transcript may be withheld until the student pays for any school property that has been lost or willfully damaged. Upon payment for damages, or the equivalency through voluntary work, the diploma or transcript will be released. When the damages or fines do not exceed $100, the student or his/her parents shall have the right to an appeal using the same process as used for short-term suspension as defined in Policy 3241, Classroom Management, Corrective Actions or Punishment.

When damages are in excess of $100, the appeal process for long-term suspension as defined in Policy 3241, Classroom Management, Corrective Actions or Punishment, shall apply.

Graduation requirements in effect when a student first enrolls in high school shall be in effect until that student graduates unless such period is in excess of ten years.

EARNING HIGH SCHOOL CREDITS IN MIDDLE SCHOOL

A middle school student may earn high school credits by successfully completing the following courses in the Kelso School District: Advanced Science, Algebra I, or higher level math.

The student and/or family must initiate the process in order to have the credits and grades posted to the student’s high school transcript. Having a conversation with a high school counselor regarding the impact on your Grade Point Average is advised. There are some nuances in the credit/grade transfer process that may negatively impact the student’s grade point average and subsequent class rank. The appropriate paperwork and process information can be obtained in the counseling center. Once posted to the transcript it may not be removed.
HOME-BASED INSTRUCTION

Policy Title: Home-based Instruction

Home-based instruction consists of planned and supervised instructional and related educational activities, including the basic skills of occupational education, science, mathematics, language, social studies, history, health, reading, writing, spelling and the development of an appreciation of art and music. Such instruction shall be equivalent to the total annual program hours per grade level as established for public schools.

It shall be the policy of the Kelso School District to cooperate in reasonable ways with home-schooling families within the district while at the same time carrying out the district’s statutorily-mandated responsibilities in regard to mandatory school attendance. Part-time students are permitted to enroll and receive ancillary services, provided that such students are otherwise eligible for full-time enrollment in the school district and such courses or services are not available in the student’s private school or an approved extension thereof. Part-time status also includes: any student not enrolled in a private school that is receiving home-based instruction and taking courses at or receiving ancillary services from the district or both, or any student involved in an approved work training program.

I. Each parent whose child is receiving home-based instruction shall:
   1. File a Declaration of Intent with the Superintendent by September 15, or within two (2) weeks of the beginning of any trimester;
   2. Ensure that test scores or annual academic progress assessments and immunization records, together with any other records that are kept relating to the instructional and educational activities provided, are forwarded to any public or private school to which the child transfers; and,
   3. Ensure that a standardized achievement test approved by the State Board of Education is administered annually to the child by a qualified individual or that an annual assessment of the student’s academic progress is written by a certificated person who is currently working in the field of education. The standardized test results or the annual academic progress assessment report shall be made a part of the child’s permanent records.

All decisions relating to philosophy or doctrine, selection of books, teaching materials and curriculum, and methods, timing, place, in the provision or the evaluation of home-based instruction shall be the responsibility of the parent. Failure of a parent to comply with the standards as specified in the law and this policy shall constitute a violation of the compulsory attendance law.

The Superintendent is directed to establish procedures that define the district’s responsibilities for home-based instruction.

II. To enroll a student in Kelso School District after attendance in home-based instruction, the parent/guardian will:
   1. Provide the most recent Declaration of Intent that was used to qualify the student to be home-schooled.
   2. Meet with staff to arrange for their child to take the STAR placement testing (reading and math) to determine course placement.
   3. Provide records from their last school of attendance, when applicable.

III. To receive a Kelso High School diploma after attendance in home-based instruction, the following guidelines shall include:
   1. All home school credits/grades will be recorded as Pass/Fail on Kelso High School transcripts.
   2. A student must be enrolled full-time (five periods) on Kelso High School campus for three trimesters prior to graduating (junior or senior year) and successfully complete those trimesters with passing grades and meet all local district graduation requirements. If a student attends Running Start, the three trimesters on campus must be prior to Running Start.
   3. The principal will have final authority on appropriate grade and course-level placement.
   4. Probationary placement may be made until student performance level is verified.

Legal References:
RCW 28A.195.010 Private schools--Extension programs for parents to teach children in their custody--Scope of state control--Generally
RCW 28A.225.010 Attendance mandatory--Age--Persons having custody shall cause child to attend public school--Exceptions
RCW 28A.200.010 Home-based instruction--Duties of parents
RCW 28A.200.020 Home-based instruction--Certain decisions responsibility of parent
RCW 28A.150.350 Part-time students--Defined--Enrollment authorized--Reimbursement for costs--Funding authority recognition--Rules
WAC 392-121-182 Enrollment time credit-off-campus--Alternative Learning Experiences--Study time off-campus Instruction Requirements
WAC 392-134-010 Attendance rights of part-time public school students

Cross References:
Policy 2410, Graduation Requirements (III Equivalent Credit for Alternative Learning Experiences, Courses and Challenges)
Policy 2411, Certificate of Educational Competency
WAIVER OF HIGH SCHOOL GRADUATION REQUIREMENTS

Graduation requirements are established with the expectation that all students will complete them. It is recognized, however, that individual students may have reason to request a waiver to accomplish specific academic or personal goals not possible with the required program.

A. Limitation of Waiver
1. Requirements designated by state statutes and administrative code may not be waived except as provided for therein.

B. Procedures for Granting of Waivers
1. The student and/or his/her parents or guardians shall complete a waiver request in writing and submit it to a counselor. The request will be reviewed by the counselor and must be approved by the principal(s) at the appropriate grade level(s).
2. A written denial or acceptance containing the rationale for the disposition of the waiver will be forwarded to the person requesting the waiver by the principals.
3. A student or his/her parents or guardians who wish to appeal the decision of the principal may do so by submitting a letter to the Superintendent within ten (10) days of receipt of the principal’s decision. The Superintendent or his/her designee shall review the case and notify the appellant shall review the case and notify the appellant of the decision within ten (10) days of receipt of the appeal.
4. When a waiver is granted, a notation shall be made on the student’s transcript by the counselor/registrar and signed.
5. All waiver requests must be submitted prior to the student’s initiation of the second trimester of the school year.

C. Special Procedures for Waiver of Physical Education Requirement
1. Kelso High School’s expectation is that students participate in a Physical Education curriculum despite scheduling conflicts and offer S.O.L.E. PE as an alternative option for meeting this graduation requirement.
2. A student may be excused from the physical education requirement at the principal’s discretion on account of physical disability, employment or religious belief, or because of participation in directed athletics or military science and tactics, or for other good cause. Such excused students shall be required to take alternative equivalent credits as specified by the principal. (RCW 28A.230.050, WAC 180-51-85)
3. At Kelso High School, waiver forms can be obtained from your counselor. Once obtained, the student will follow the following procedures:
   a. Complete the waiver form with listed credit(s) to be waived and return it to the counseling center.
   b. The counseling center will submit the waiver to the building principal for approval and signature.
   c. Once the form has been approved, the counselor will communicate with the student who will then need to meet with a Physical Education teacher on one of the designated days to complete the waiver assessment(s). (Note: There is one assessment per 0.50 credit waived.)
   d. After successful completion of the assessment(s), the Physical Education teacher will inform the Registrar to grant the appropriate waiver credit(s).

D. Special Procedures for Waiver of Washington State History
A student entering a Washington State High School for the first time in the twelfth grade who has not completed a course of study in Washington’s history and state government because of previous residence outside the state may have the requirement in RCW 28A.230.090 waived by the principal. (RCW 28A.230.060)
COLLEGE IN THE HIGH SCHOOL

Kelso High School is partnered with the University of Washington to provide our students rigorous, nationally-recognized curriculums (see course offerings below) at no cost/fees for tuition and materials. This program is designed for students who want to earn college credits by developing advanced skills without ever having to leave our campus and miss out on opportunities/experiences that help create a totally unique and complete Hilander experience.

Through University of Washington in the High School (UWHS), Kelso High School students can complete University of Washington (UW) courses and earn UW credit in their own classrooms with their own teachers. Students and teachers use a common curriculum (UW activities, texts, assignments, tests) and a common means of assessment (specific grading scales based on established outcomes established by the University of Washington). Students earn a final grade/college credit upon the completion of the course. Students receive credit for their UW work at most public institutions and many private ones—without being locked into a two-year transfer degree program (like community colleges) that quite often take full-time students more than two years to complete.

The program gives students a chance to test their readiness for the demands of college coursework in a familiar environment with veteran Kelso High School teachers who were accepted and trained by their representative academic departments at the University of Washington to teach these rigorous college courses, which mirror the courses provided on the University of Washington campus. Courses are university-level and, therefore, demand work outside of the classroom. Successful students have discipline and are willing to dedicate more time than the typical high school course demands.

AVAILABLE COURSES:

- UW MATH 120 (PRE CALCULUS)
- UW MATH 124/125 (CALCULUS 1 AND 2)
- UW ENGL 111 (ENGLISH COMPOSITION: LITERATURE)
- UW ENGL 131 (ENGLISH COMPOSITION: EXPOSITION)
- UW JAPAN 103
- UW CHEM 110
RUNNING START

Running Start is a unique state approved program between high schools and colleges. This program allows high school juniors and seniors to attend college classes as all or part of their high school program and earn both high school and college credits. Running Start is limited to high school juniors and seniors who: 1) will be in the 11th or 12th grade by their first quarter of Running Start, (2) have at least a 2.5 cumulative high school GPA, and (3) have a 3.0 GPA or better in all high school English/Literature classes OR Score a 3 or 4 on the English portion of the Smarter Balanced assessment. Informational sessions are held at Lower Columbia College in February and March. Prior to registering, a parent/student/counselor meeting is necessary. Students and parents need to evaluate the maturity level and the amount of responsibility shown by the student. Students who do not maintain a quarterly GPA of 2.0 at Lower Columbia Community College are put on probation for one quarter and will be dropped if their GPA is not at 2.0 the following quarter. Students must be enrolled in courses numbered 100 or above. As a Running Start student, you need to buy books, supplies, materials, pay required fees, and provide transportation to and from the college. Students in the Running Start program will receive a letter grade and college credits will be converted to high school credits as per state requirements. See your counselor for more information. A contract to attend Running Start also needs to be completed.

What is the Running Start Program?
The Running Start Program is a unique program provided by state law, which allows high school students to fulfill college requirements while they attend a high school. The concept is part of the 1990 Running Start legislation (RCW 28A.225.290.)

How does the program work?
Running Start students attend Kelso High School and Lower Columbia Community College classes during the school day or in the evening. Credits may also apply to high school graduation according to individual school district policy. Your enrollment at Kelso High School and Lower Columbia Community College creates your official college transcript. At the end of each quarter, your grades will be sent to your high school.

How much does it cost?
As a Running Start student, you pay no college tuition. However, you will need to buy books, supplies, materials, pay lab fees, and provide your own transportation to Lower Columbia Community College.

What classes?
Students may take beginning level college classes (both elective and required). For current college course offerings, access the LCC Running Start web page.

Who qualifies?
High school students, with permission of their parents/guardians and after consultation with their high school counselor, may qualify. Test scores, acceptable academic standing, and student maturity are all factors. Academic success must be maintained. Students who are on a choice waiver are required to attend one class per trimester at Kelso High School.
**TECH PREP**

**What is the “Tech Prep” Program?**
Tech Prep is a dual enrollment, dual credit program that prepares students for high-skill, high-wage careers. Students earn college credit at Lower Columbia College while attending classes in high school. It is focused and covers a wide range of “majors” from automotive to nursing. The student still receives the basic core of English, Physics, Chemistry, and Math. The difference is, classes are taught in the context of the career and bring relevance to the student’s learning.

**What does the “Tech Prep” Program do for me?**
Tech Prep is like Running Start in reverse. It allows students to earn free college credit and remain in high school. Tech Prep provides a win/win opportunity for all students and provides a sound foundation for a successful career. In order to qualify for this free credit, students must receive a “B” or better in specific high school courses and continue the career plan at the college.

<table>
<thead>
<tr>
<th>KELSO HIGH SCHOOL COURSES</th>
<th>LOWER COLUMBIA COLLEGE COURSES</th>
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<tbody>
<tr>
<td><strong>Automotive Technology</strong></td>
<td></td>
</tr>
<tr>
<td>Introduction to Automotive Skills (1 trimester)</td>
<td>AMTC 100 Essentials of Mechanics (5 credits)</td>
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<tr>
<td>STIHL Engine Tech (1 trimester)</td>
<td>AMTC 121 Gas Engines 1 (5 credits)</td>
</tr>
<tr>
<td><strong>Business Management</strong></td>
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<tr>
<td>Marketing (2 trimesters)</td>
<td>BUS 165 Salesmanship (5 credits)</td>
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<tr>
<td>Advanced Marketing (2 trimesters)</td>
<td>BUS 259 Starting/Managing a Small Business (5 credits)</td>
</tr>
<tr>
<td>Retail Merchandising (2 trimesters)</td>
<td>BUS 159 Principles of Retailing (5 credits)</td>
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<tr>
<td><strong>Business Technology</strong></td>
<td>CS 110 Introduction to Microcomputer Applications (3 credits)</td>
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<tr>
<td>Tech Tools*</td>
<td>BTEC 104 Introduction to Business Technology (5 credits)</td>
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<tr>
<td>*Students are eligible for additional college credit(s) if Microsoft Office Certification(s) are earned during the Tech Tools course. Certifications available and corresponding college credits:</td>
<td></td>
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<tr>
<td>Excel Core……………………………………</td>
<td>BTEC 131 Introduction to Spreadsheets (5 credits)</td>
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<tr>
<td>PowerPoint…………………………………………</td>
<td>BTEC 146 PowerPoint Fundamentals (2 credits)</td>
</tr>
<tr>
<td>Word Core……………………………………..</td>
<td>BTEC 145 Intro to MS Word (5 credits)</td>
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<tr>
<td>OR</td>
<td>BTEC 111 Word Processing I (5 credits)</td>
</tr>
<tr>
<td><strong>Crimeal Justice</strong></td>
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<tr>
<td>Police Science (3 trimesters)</td>
<td>CI 101 Introduction to Criminal Justice (5 credits)</td>
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<td>CI 184 The Administration of Justice (5 credits)</td>
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<tr>
<td><strong>Early Childhood Education</strong></td>
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<tr>
<td>Child Development Careers in Child Care</td>
<td>ECED 132 Infant/Toddler Care (2 credits)</td>
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<td></td>
<td>ECED 105 Intro to Education with Field Experience (5 credits)</td>
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<tr>
<td><strong>Math</strong></td>
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<tr>
<td>Industrial Math</td>
<td>MATH 106 Industrial Mathematics (5 credits)</td>
</tr>
<tr>
<td><strong>Pre-Nursing and Allied Health</strong></td>
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</tr>
<tr>
<td>Health Science Careers (3 trimesters)</td>
<td>MEDA 101 Medical Vocabulary I (3 credits) OR BTEC 181 Medical Terminology I (3 credits)</td>
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<tr>
<td></td>
<td>MEDA 102 Medical Vocabulary II (3 credits) OR BTEC 182 Medical Terminology II (3 credits)</td>
</tr>
<tr>
<td></td>
<td>AH 114 Healthcare Communication Skills (2 credits)</td>
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<td></td>
<td>MEDA 120 Survey of Human Anatomy &amp; Physiology (4 credits)</td>
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<td>Anatomy &amp; Physiology</td>
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<tr>
<td><strong>Welding Technology</strong></td>
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<tr>
<td>Welding 1 (1 trimester)</td>
<td>WELD 151 Introduction to Oxy Acetylene (2 credits)</td>
</tr>
<tr>
<td>Welding 2 (1 trimester)</td>
<td>WELD 152 Introduction to Arc Welding (2 credits)</td>
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<tr>
<td>Welding 3 (1 trimester)</td>
<td>WELD 221 Wire Machine Welding (2 credits)</td>
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<thead>
<tr>
<th>KELSO HIGH SCHOOL COURSES</th>
<th>CLARK COLLEGE COURSES</th>
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<tbody>
<tr>
<td><strong>Computer Aided Design</strong></td>
<td></td>
</tr>
<tr>
<td>CAD II</td>
<td>CADD 140 Basic AutoCAD (4 credits)</td>
</tr>
<tr>
<td>CAD III</td>
<td>CADD 141 Architectural Drafting I (4 credits)</td>
</tr>
</tbody>
</table>

**NOTE:** These courses are in addition to the required courses and electives necessary for high school graduation. A grade of “B” or higher is required for the high school courses listed above. See individual Tech Prep brochures for more information or contact your high school career-technical instructor or counselor. You may also contact the Lower Columbia College Tech Prep Office at 360-442-2610. Additional agreements will be developed and agreements will be updated throughout the year.
CTE COURSE EQUIVALENCY CREDIT
In accordance with Board Policy 2413, Kelso High School can grant core academic equivalencies for high school career and technical courses after they have been reviewed and approved for equivalency credit by a district team. Courses which have been accepted as meeting core requirements, including graduation requirements, will be recorded on the student’s transcript using the academic high school department designation and title. These courses will be noted in the course catalog. Entrance requirements for each college or university may vary. It is important to research each institution’s admission requirements. For specific questions, see your counselor.

<table>
<thead>
<tr>
<th>CTE Course Title</th>
<th>Graduation Requirement</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floriculture: Flower Farming &amp; Design</td>
<td>Fine Arts</td>
<td>.50</td>
</tr>
<tr>
<td>(must successfully complete Introduction to Beginning Art to receive Fine Arts credit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foundations of Photography</td>
<td>Fine Arts</td>
<td>.50</td>
</tr>
<tr>
<td>Welding: Metal Art</td>
<td>Fine Arts</td>
<td>.50</td>
</tr>
<tr>
<td>(must successfully complete Introduction to Beginning Art to receive Fine Arts credit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yearbook (Trimester 3)</td>
<td>Fine Arts</td>
<td>.50</td>
</tr>
<tr>
<td>(must successfully complete Introduction to Beginning Art to receive Fine Arts credit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Science - First Responder I</td>
<td>Physical Education</td>
<td>.50</td>
</tr>
<tr>
<td>Fire Science - First Responder II</td>
<td>Physical Education</td>
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<tr>
<td>Body Wise</td>
<td>Physical Education</td>
<td>.50</td>
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<tr>
<td>American Sign Language I</td>
<td>World Language</td>
<td>.50</td>
</tr>
<tr>
<td>American Sign Language II</td>
<td>World Language</td>
<td>.50</td>
</tr>
<tr>
<td>Biomedical Science (2 trimesters)</td>
<td>Science</td>
<td>1.0</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology (2 trimesters)</td>
<td>Science</td>
<td>1.0</td>
</tr>
<tr>
<td>Medical Interventions (2 trimesters)</td>
<td>Science</td>
<td>1.0</td>
</tr>
<tr>
<td>Sports Medicine (2 trimesters)</td>
<td>Science</td>
<td>1.0</td>
</tr>
</tbody>
</table>
WHICH PATHWAY WILL YOU CHOOSE?

What is a Pathway?
A Pathway is a group of jobs and industries that are related by skills or products. Pathways are also referred to as Career Clusters. Within each Pathway there are a collection of courses and training opportunities that prepare students for several career opportunities. For example: If my chosen Pathway is Health Science my potential career options may include: doctor, nurse, veterinarian, dentist, lab technician, physical therapist, athletic trainer & more.

There are 16 total Pathways established at the national level and are recognizable across the United States in middle schools, high schools, community and technical colleges, and the workforce.

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business, Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

Kelso School District Career Cluster Offerings
At Kelso High School, the 16 Pathways have been combined into 6 Career Clusters more closely aligned with current course offerings. Post-Secondary training options and potential careers have been outlined below for students.

<table>
<thead>
<tr>
<th>HEALTH SCIENCE PUBLIC SAFETY, GOV/LAW</th>
<th>AGRICULTURE/NATURAL RESOURCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Science</td>
<td>Agriculture, Food &amp; Natural Resources</td>
</tr>
<tr>
<td>Law, Public Safety, Corrections &amp; Security</td>
<td>Government &amp; Public Administration</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BUSINESS, INFORMATION TECH, FINANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business, Management &amp; Administration</td>
</tr>
<tr>
<td>Information Technology</td>
</tr>
<tr>
<td>Marketing</td>
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<tr>
<td>Finance</td>
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<table>
<thead>
<tr>
<th>A/V-TECH, FINE ARTS, COMMUNICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts, A/V Technology &amp; Communications</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>STEM, TRANSPORTATION, MANUFACTURING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>Architecture &amp; Construction</td>
</tr>
<tr>
<td>Manufacturing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HUMAN SERVICES, HOSPITALITY, EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Services</td>
</tr>
<tr>
<td>Hospitality &amp; Tourism</td>
</tr>
<tr>
<td>Education &amp; Training</td>
</tr>
</tbody>
</table>
### MEDICAL CARE CAREERS
Pathway Elective Options:
- Biomedical Science
- Anatomy & Physiology
- Medical Interventions
- Health Science Careers
- Tech Tools
- Biology
- Chemistry I, II

**TRAINING OPTIONS**
- ☑ Community/Technical College
- ☑ University Programs

**Potential Degree Courses of Study**
- Diagnostic services
- Health informatics
- Biotechnology research and development
- Therapeutic services

**CAREER OPTIONS**

**Less than a Bachelor’s Degree:**
- Med Tech, LPN, Medical Sonographer, Midwife, Physical Therapy Asst., Fitness Instructor, Cardiovascular Technician, Dental Hygienist, Forensic Technician, Biotechnology Lab Technician

**Bachelor’s Degree or Higher:**
- Medical Technologist, Registered Nurse, Dietician, Physician, Surgeon, Psychologist, Dentist, Podiatrist, Chiropractor, Therapist, Biochemist, Bioinformatics Specialist, Forensic Scientist, Microbiologist, Oceanographer, Zoologist, Forester, Park Warden

### EMERGENCY SERVICES
Pathway Elective Options:
- Biomedical Science
- Anatomy & Physiology
- Medical Interventions
- Tech Tools
- Police Science
- Fire Science I, II
- Health Science Careers
- Sports Medicine
- Biology
- Chemistry I, II
- AP Biology
- AP Chemistry

**TRAINING OPTIONS**
- ☑ Community/Technical College
- ☑ University Programs

**Potential Degree Courses of Study**
- Emergency and fire management
- Security and protective services
- Law enforcement services
- Legal services
- Correction services

**CAREER OPTIONS**

**Less than a Bachelor’s Degree:**
- Crime Scene Technician, Biotechnology Lab Technician

**Bachelor’s Degree or Higher:**
- Forensic Accountant, Forensic Scientist, Pathologist, Coroner, Crime Scene Investigator, Toxicologist

### LAW, PUBLIC ADMINISTRATION & SAFETY SERVICE
Pathway Elective Options:
- Tech Tools
- Criminal Justice
- Police Science
- Fire Science I, II
- Biomedical Science
- Anatomy & Physiology
- Medical Interventions

**TRAINING OPTIONS**
- ☑ Community/Technical College
- ☑ University Programs

**Potential Degree Courses of Study**
- Governance
- National security
- Foreign service
- Planning
- Revenue and taxation
- Regulation
- Public management and administration

**CAREER OPTIONS**

**Less than a Bachelor’s Degree:**
- Security Guard, Fish and Wildlife Specialist, Correction Officer

**Bachelor’s Degree or Higher:**
- Detective, Police Officer, Probation Officer, Sherriff, Foreign Service Officer, Secret Service Agent, FBI Agent

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**HEALTH SCIENCE, PUBLIC SAFETY, GOV/LAW**
## ENVIRONMENTAL SCIENCE

Pathway Elective Options:
- Horticulture
- Wildlife & Forestry Research Management
- Geology
- Astronomy
- Physics
- Chemistry I, II
- AP Chemistry
- Biology
- AP Biology

### TRAINING OPTIONS
- Community/Technical College
- University Programs

### Potential Degree Courses of Study
- Animal systems
- Agribusiness systems
- Biotechnology systems
- Environmental service systems
- Food products and processing systems
- Natural resources systems
- Plant systems
- Power, structural and technical systems

### CAREER OPTIONS

**Less than a Bachelor's Degree:**
- Conservation Officer, Horticulture

**Bachelor's Degree or Higher:**
- Fish and Game Warden, Climate Change Analyst, Environmental Consultant, Ecologist, Toxicologist, Forester, Park Naturalist, Sustainability Specialist

## AGRICULTURE MANUFACTURING

Pathway Elective Options:
- Welding I, II, III, IV
- CAD I, II, III, IV
- Wood Technology I, II
- Creative Design and Build
- Tech Tools
- Chemistry I

### TRAINING OPTIONS
- Community/Technical College
- University Programs

### Potential Degree Courses of Study
- Product manufacturing
- Process development
- Maintenance
- Installation and repair
- Quality assurance
- Logistics and inventory control
- Microchip manufacturer
- Precision inspector, tester or grader
- Inspector
- Machine operator
- Industrial truck and tractor operator

### CAREER OPTIONS

**Less than a Bachelor's Degree:**
- Assembler, Manufacturing Technician, Agriculture Technician, Health and Safety Representative, Industrial Machinist

**Bachelor's Degree or Higher:**
- Electrician, Machinist, Engineering Fields, Mechanic, Manufacturing Technician

## SCIENCE & TECHNOLOGY

Pathway Elective Options:
- Biomedical Science
- Anatomy & Physiology
- Medical Interventions
- Retail Merchandising
- Sports Medicine
- Health Science Careers
- Tech Tools
- Computer Science
- AP Computer Science
- Biology
- Chemistry I, II

### TRAINING OPTIONS
- Community/Technical College
- University Programs

### Potential Degree Courses of Study
- Diagnostic services
- Health informatics
- Biotechnology research and development
- Therapeutic services

### CAREER OPTIONS

**Less than a Bachelor's Degree:**
- Med Tech, LPN, Medical Sonographer, Midwife, Physical Therapy Asst., Fitness Instructor, Cardiovascular Tech, Dental Hygienist, Forensic Technician, Biotechnology Lab Technician

**Bachelor's Degree or Higher:**
- Medical Technologist, Registered Nurse, Dietician, Physician, Surgeon, Psychologist, Dentist, Podiatrist, Chiropractor, Therapist, Biochemist, Bioinformatics Specialist, Forensic Scientist, Microbiologist, Oceanographer, Zoologist, Forester
**INFORMATION TECHNOLOGY & OFFICE ADMINISTRATION**

**Pathway Elective Options:**
- Tech Tools
- Computer Science
- AP Computer Science
- Marketing, Advanced Marketing
- Work-Based Learning
- Yearbook

**TRAINING OPTIONS**
- Community/Technical College
- University Programs

**Potential Degree Courses of Study**
- Information support and services
- Network systems
- Programming and software development
- Administrative Support
- Business analysis
- Business, financial management and accounting
- Human Resources

**CAREER OPTIONS**
**Less than a Bachelor’s Degree:**
- Computer Trainer or Support Person, Desktop Publisher, Electronics Repairer, Office Machine Repairer, Web Developer, Video Game Developer, Website Designer, Webmaster, Technical Writer

**.Utility or Higher:**

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**RETAIL MANAGEMENT & ENTREPRENEURSHIP**

**Pathway Elective Options:**
- Tech Tools
- Marketing, Advanced Marketing
- Sports Marketing
- Fashion 101
- Work-Based Learning
- Career Choices
- Yearbook

**TRAINING OPTIONS**
- Community/Technical College
- University Programs

**Potential Degree Courses of Study**
- Buying and merchandising
- Distribution and logistics
- E-Marketing
- Management and entrepreneurship
- Marketing communications and promotion
- Marketing information management and research
- Professional sales and marketing

**CAREER OPTIONS**
**Less than a Bachelor’s Degree:**
- Telemarketer, Media Specialist, Library Tech, Volunteer Manager

**Bachelor’s Degree or Higher:**

**FINANCIAL SERVICES**

**Pathway Elective Options:**
- Tech Tools
- Marketing, Advanced Marketing
- Career Choices
- Work-Based Learning
- Algebra II

**TRAINING OPTIONS**
- Community/Technical College
- University Programs

**Potential Degree Courses of Study**
- Banking and related services
- Business financial management
- Financial and investment planning
- Insurance services
- Financial Administrative support
- Business analysis
- Business, financial management and accounting

**CAREER OPTIONS**
**Less than a Bachelor’s Degree:**
- Bookkeeper, Loan Processor, Cash Manager, Bank Teller, Financial Assistant, Product Manager

**Bachelor’s Degree or Higher:**
- Financial Planner, Accountant, Credit Analyst, Financial Advisor, Auditor, Investment Banker, CPA, CEO, Chief Financial Officer, Actuary

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**BUSINESS, INFORMATION TECH, FINANCE**
## Visual Design/Graphic Arts

**Pathway Elective Options:**
- Art, Advanced Art
- Spirit Art
- Foundations of Photography
- Web Design
- Tech Tools
- Graphic Design & Advertising
- Yearbook
- CAD I
- Creative Design and Build

**Training Options**
- Community/Technical College
- University Programs

**Potential Degree Courses of Study**
- Information support and services
- Interactive media
- Network systems
- Programming and software development

**Career Options**
- **Less than a Bachelor’s Degree:**
  - Graphic and Printing Equipment Operator,
  - Lithographer, Computer Typography, Web Design
- **Bachelor’s Degree or Higher:**
  - Desktop Publishing Specialist, Graphic Designer, Web Designer, Web Developer, Graphic Artist

## Communication Technology

**Pathway Elective Options:**
- Foundations of Photography
- Creative Writing
- Speech
- Theatre
- Theatre Technical Design
- Tech Tools
- Art, Advanced Art
- Yearbook
- Graphic Design & Advertising

**Training Options**
- Community/Technical College
- University Programs

**Potential Degree Courses of Study**
- Audio and video technology and film
- Broadcasting and journalism
- Performing arts
- Printing technology
- Telecommunications
- Visual arts

**Career Options**
- **Less than a Bachelor’s Degree:**
  - Film and TV Crew, Film Editor
- **Bachelor’s Degree or Higher:**
  - TV Producer, Screenwriter, TV Anchor, Video Game Designer

## Theatre/Performing Arts

**Pathway Elective Options:**
- Speech
- Theatre
- Theatre Technical Design
- Choir
- Jazz Ensemble
- Art

**Training Options**
- Community/Technical College
- University Programs

**Potential Degree Courses of Study**
- Broadcasting and journalism
- Performing arts
- Telecommunications
- Visual arts

**Career Options**
- **Less than a Bachelor’s Degree:**
  - Film and TV Crew, Announcer, Model, Dancer, Voice Over Specialists, Stage Hand
- **Bachelor’s Degree or Higher:**
  - Screenwriter, TV Anchor, Professional Make-Up Artist, Agent, Director, Set Designer
MANUFACTURING
Pathway Elective Options:
- Welding I, II, III, IV
- Welding: Metal Art
- Wood Technology I, II
- CAD I, II, III, IV
- Creative Design and Build
- Algebra II

TRAINING OPTIONS
- Apprenticeship
- Community/Technical College
- University Programs

Potential Degree Courses of Study
Facility and mobile equipment maintenance
Health, safety and environmental management
Logistics planning and management services
Sales and services
Transportation operations
Transportation systems and infrastructure
Planning, management and regulation
Warehousing/distribution center operations

CAREERS OPTIONS
Less than a Bachelor’s Degree:
Assembler, Manufacturing Technician, Agriculture Technician, Health and Safety Representative, Industrial Machinist

Bachelor’s Degree or Higher:
Electrician, Machinist, Engineering Fields, Mechanic, Manufacturing Technician

ENGINEERING & CONSTRUCTION
Pathway Elective Options:
- Welding I, II, III, IV
- Wood Technology I, II
- CAD I, II, III, IV
- Creative Design and Build
- Geometry
- Algebra II
- Art

TRAINING OPTIONS
- Apprenticeship
- Community/Technical College
- University Programs

Potential Degree Courses of Study
Construction
Design and pre-construction
Maintenance and operations
Architectural and civil drafter or engineer
Environmental designer
Electrical design engineer
Project Management

CAREERS OPTIONS
Less than a Bachelor’s Degree:
Electrician, CAD Technician, Land Survey Technician, HVAC/HVACR Technician, Carpenter, Contractor, Drafter, Material Manager, Construction worker, Residential or Commercial Carpenter, Sheet Metal Technician

Bachelor’s Degree or Higher:
Engineering (Aerospace, Architectural, Biomedical, Chemical, Civil, Electrical, Manufacturing, Marine and Nuclear), Surveyor, Electrician, Architect, Civil Engineer, Construction Managers, Cost Estimator, Geologist and Geophysicists

TRANSPORTATION, DISTRIBUTION AND LOGISTICS
Pathway Elective Options:
- Introduction to Automotive Skills
- STIHL Engine Tech
- Tech Tools
- Algebra II

TRAINING OPTIONS
- Apprenticeship
- Community/Technical College
- University Programs

Potential Degree Courses of Study
Facility and mobile equipment maintenance
Health, safety and environmental management
Logistics planning and management services
Sales and services
Transportation operations
Transportation systems and infrastructure
Planning, management and regulation
Warehousing/distribution center operations

CAREERS OPTIONS
Less than a Bachelor’s Degree:
Fork Lift Operator, Light Truck Driver, Transportation Agent, Bus Driver, Deck Hand, Dispatcher, Railroad Brake Signal Operator

Bachelor’s Degree or Higher:
Airline Pilot, Ship Captain, Ship Engineer, Auto Mechanic, Heavy Equipment Mechanic, Motorcycle Mechanic, Subway Operator

STEM, TRANSPORTATION, MANUFACTURING
### HOSPITALITY/FOOD SERVICE
#### Pathway Elective Options:
- Marketing, Advanced Marketing
- Retail Merchandising
- Teen Cuisine I, II
- Global Cuisine
- Hilander Catering
- Independent Living
- Sports & Entertainment Marketing

#### TRAINING OPTIONS
- ☑ Community/Technical College
- ☑ University Programs

#### Potential Degree Courses of Study
- Lodging, Recreation, amusement and attractions
- Restaurants and food and beverage services
- Travel and tourism

#### CAREER OPTIONS
**Less than a Bachelor's Degree:**
- Hotel Desk Clerk, Server, Housekeeper, Tour Guide, Travel Agent, Hotel or Restaurant Floor Manager

**Bachelor's Degree or Higher:**
- Bed and Breakfast Proprietor, Hotel or Restaurant Facility Manager, Meeting and Convention Planner, Tourism Director

### SOCIAL SERVICES
#### Pathway Elective Options:
- Tech Tools
- Teen Cuisine I, II
- Child Development
- Careers in Child Care
- Independent Living

#### TRAINING OPTIONS
- ☑ Community/Technical College
- ☑ University Programs

#### Potential Degree Courses of Study
- Consumer services
- Counseling and mental health services
- Early childhood development and services
- Family and community services
- Personal care services

#### CAREER OPTIONS
**Less than a Bachelor's Degree:**
- Preschool Teacher, Instructional Assistant, Child Care Worker, Recreation Facility Employee, Coach, Sign/Foreign Language Interpreter

**Bachelor's Degree or Higher:**
- Psychologist, Licensed Social Worker, Counselor, Child Care Worker, Director of Childcare Facility, Preschool Teacher, School Counselor, Sociologist, Social Services Worker, Home Care Aide, Leisure Activities Counselor

### EDUCATION & TRAINING
#### Pathway Elective Options:
- Child Development
- Careers in Child Care
- Independent Living
- Tech Tools
- Peer Tutoring

#### TRAINING OPTIONS
- ☑ Community/Technical College
- ☑ University Programs

#### Potential Degree Courses of Study
- Administration and administrative support
- Professional support services
- Teaching and training

#### CAREER OPTIONS
**Less than a Bachelor's Degree:**
- Receptionist, Instructional Assistant, Secretary, Food Service Worker, Custodian

**Bachelor's Degree or Higher:**
- Teacher, Principal, University/College Instructor, Superintendent, Curriculum Director, School Psychologist, Counselor

### LAW, PUBLIC ADMINISTRATION & SAFETY SERVICE
#### Pathway Elective Options:
- Tech Tools
- Criminal Justice
- Police Science
- Fire Science I, II
- Biomedical Science

#### TRAINING OPTIONS
- ☑ Community/Technical College
- ☑ University Programs

#### Potential Degree Courses of Study
- Governance
- National security
- Foreign service
- Planning
- Revenue and taxation
- Regulation
- Public management and administration

#### CAREER OPTIONS
**Less than a Bachelor's Degree:**
- Security Guard, Fish and Wildlife Specialist, Correction Officer

**Bachelor's Degree or Higher:**
- Detective, Police Officer, Probation Officer, Sherriff, Foreign Service Officer, Secret Service Agent, FBI Agent
# GUIDE TO COURSE CATALOG TERMS

<table>
<thead>
<tr>
<th><strong>GRADES</strong></th>
<th>Only students within the grades listed for each individual course will be allowed to enroll in that course.</th>
</tr>
</thead>
</table>
| **LENGTH** | **Trimester** – meets for one trimester  
**Two Trimesters** – meets for two trimesters; offered at various times throughout the year.  
**Full Year** – Three trimester course – student is expected to register for **all three** trimesters. |
| **CREDIT** | Amount of units earned towards graduation requirements upon successful completion of a course. A one-trimester, one-period course is worth .50 credits. |
| **PREREQUISITE** | Conditions which must be satisfied before enrolling in a course. |
| **GRADUATION REQUIREMENT** | Lists subject area where an individual course will meet the graduation requirements. |
| **COST** | Designates if there are fees or materials required upon enrolling in an individual class. Fee waivers are available for all course costs. Applications are available in the ASB Office. |

**NOTE:**  
The Kelso School District aims to offer all classes listed in the Course Catalog. However, if there is an insufficient number of student requests for a class, it may be necessary to cancel the class or to offer it by independent study, if appropriate. Please remember that course forecasting generates the master schedule. Being accurate with your requests helps the counselors to offer classes that are desired.

<table>
<thead>
<tr>
<th>Graduation Requirement</th>
<th>Project Lead the Way Course</th>
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</thead>
<tbody>
<tr>
<td><img src="image" alt="Graduation Requirement" /></td>
<td><img src="image" alt="Project Lead the Way Course" /></td>
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</tbody>
</table>

| **STEM Course**  
(Science, Technology, Engineering, Math) | **Tech Prep Course** |
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<tbody>
<tr>
<td><img src="image" alt="STEM Course" /></td>
<td><img src="image" alt="Tech Prep Course" /></td>
</tr>
</tbody>
</table>
WELDING 1                                                                 IND110  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
Cost: $15.00 Class Fee  
Gain experience and knowledge in welding metal in the flat position using Shielded Metal Arc Welding and Gas Metal Arc Welding. Topics include: PPE, equipment operation, leadership and career development. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather boots. Students who do not have appropriate dress will not be allowed to weld due to safety regulations. Student leadership and demonstration of employability skills are a major portion of this course. To receive Tech Prep credit, student must earn a “B” or better.

WELDING 2                                                                 IND115  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “C” or better in Welding 1  
Graduation Requirement: CTE, Elective  
Cost: $15.00 Class Fee  
Gain experience and knowledge in common welding positions: Shielded Metal Arc Welding and Gas Metal Arc Welding. Welding joint positions will include fillet welds, lap welds, butt welds, and corner welds. Topics will include proper “fit up” of welding joints, personal safety, and equipment operation. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather boots. Students who do not have appropriate dress will not be allowed to weld due to safety regulations. Student leadership and demonstration of employability skills are a major portion of this course. To receive Tech Prep credit, student must earn a “B” or better.

WELDING 3                                                                 IND120  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “C” or better in Welding 2  
Graduation Requirement: CTE, Elective  
Cost: $15.00 Class Fee  
Develop welding skills in “out of position” applications. Students will learn how to weld in the vertical, horizontal, and overhead positions. A large majority of class time will be spent in the welding shop developing welding skills. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather shoes. Students who do not have appropriate dress will not be allowed to weld due to safety regulations. Student leadership and demonstration of employability skills are a major portion of this course.

WELDING 4                                                                 IND121  
Grades: 10 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “C” or better in Welding 3  
Graduation Requirement: CTE, Elective  
Cost: $15.00 Class Fee  
Students enrolled in this course will complete CWI testing for 2G and 3G ⅜” plate with backer on a 45 degree V groove butt weld using ¼” E7018 electrode. Students will also complete preparation skills to pass the 3G WABO Certification on 1” plate with backer. After grinding the welding certification test, they will cut the weld into test strips which will be submitted to JH Kelly for stress testing. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather boots. Students who do not have appropriate dress will not be allowed to weld due to safety regulations.

INTRO TO TIG WELDING                                               IND123  
Grades: 10 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “C” or better in Welding 4  
Graduation Requirement: CTE, Elective  
Cost: $15.00 Class Fee  
Students enrolled in this course may complete the Pipefitters Union UA1 Certification on 6” open root pipe in the 6G position using E6010 root and E7018 fill. When students gain proficiency in the given welding position, they will fit up and weld the certification welding test. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather boots. Students who do not have appropriate dress will not be allowed to weld due to safety regulations.

WELDING: METAL ART                           IND125/IND126/IND127  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: Welding 2; Must have passed Introduction to Beginning Art to receive Fine Arts credit  
Graduation Requirement: CTE, Fine Arts, Elective  
Cost: $15.00 Class Fee plus costs for student project materials  
Students will gain experience and knowledge in applying welding skills in the construction of artistic design projects using welding, cutting, and fabrication of metals with Oxy Acetylene, SMAW, GMAW and plasma cam techniques. Students will develop creativity, communication skills, aesthetic awareness, art criticism techniques, and technological skills applicable to artistic design. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather boots. Students who do not have appropriate dress will not be allowed to weld due to safety regulations.
HORTICULTURE (GREENHOUSE GROWING) AGR101
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Topics include propagation, plant parts/functions, germination, planting, greenhouse skills, and career orientation. Students will gain basic skills and knowledge in the area of horticulture and greenhouse production. Greenhouse production includes: planting, selection and growing of flowers, shrubs, and trees; planting and caring for vegetables and small fruits, the study of soils and fertilizers, disease and insect control, pruning and propagation of plants for the home landscape. A large majority of class time will be spent in the greenhouse. Students will need to dress appropriately for weather conditions when working outside.

WILDLIFE & FORESTRY RESOURCE MANAGEMENT AGR201
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Cost: $18.00 to $55.00 Fishing Rod Construction Project
Students taking this class will cover three units of study. Forestry Resource Management: tree identification, forest insects, reforestation processes. Water Quality: study of watersheds, storm water, soil resources, and environmental regulations. Wildlife/Fisheries Biology: wildlife inventory, habitat assessment, wildlife identification, and setting harvest seasons for large, small and aquatic wildlife. Students will complete a variety of projects for each unit as well as participate in industry related field trips. Students in this course will construct a custom fishing rod. Student leadership, course projects and demonstration of employability skills are a major portion of this course.

FLORICULTURE: FLOWER FARMING & DESIGN AGR110
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Must have passed Introduction to Beginning Art to receive Fine Arts credit
Graduation Requirement: CTE, Fine Arts, Elective
Cost: $10.00 Class Fee
Students in this class will learn the basic skills and knowledge required to operate a floriculture business and the preparation of floral and foliage products. Floriculture design consists of a blend of art, science and business including: the Elements and Principles of Design, identification of floral materials and supplies, care and handling of materials, as well as floral sales and service. Skills may include: wrapped arrangements, vase design, corsages, boutonnieres, bouquets, Ikebana design, as well as color scheme design techniques, and designing arrangements for KHS.
AUTOMOTIVE

**Introduction to Automotive Skills**  
**IND098**  
**Grades:** 9 - 12  
**Length:** Trimester  
**Credit:** .50  
**Prerequisite:** None  
**Graduation Requirement:** CTE, Elective  
This is an introductory course to all things automotive & the first stop in the Kelso High School Auto program. This foundation course will provide you with basic knowledge and a general overview of vehicles and automotive. This is a stand-alone course covering the basics of vehicles, the automotive industry, vehicle major systems identification, all things you can do it yourself: maintenance on a vehicle, minor repairs, how to buy and sell a vehicle, insurance, roadside emergency prep, shop/vehicle safety, and basic vehicle inspections. This class is intended to provide you the opportunity to begin learning automotive skills and knowledge that can save time and money in repair and maintenance costs for family, friends, and yourself for a lifetime! These are very valuable skills! Successful completion of this course is required for all other automotive courses. Students must complete SP2 Safety Certification or equivalent.

**Intermediate Automotive Skills**  
**IND099**  
**Grades:** 9 - 12  
**Length:** Trimester  
**Credit:** .50  
**Prerequisite:** “C” or better in Introduction to Automotive Skills  
**Graduation Requirement:** CTE, Elective  
Intermediate Automotive Skills is focused on expanding your knowledge of automotive systems and providing you with an introduction to automotive shop tools/equipment and training in the use of tools and equipment such as: tire mount/dismount, wheel balancers, alignment machine, scan tools, lifts and more. Topics covered in this class include: automotive systems theory and operation, service information, career options available in the automotive industry, electrical systems, lubrication systems, wheel/tire, brakes, steering/suspension, drivetrain, and more. This is an information-rich class and will require information-based lab work with many forms of information using paper service manuals, computers, internet-based research and more. This hands-on class will require you to get dirty at times so please be prepared!

**Advanced Automotive Skills**  
**IND101**  
**Grades:** 9 - 12  
**Length:** Trimester  
**Credit:** .50  
**Prerequisite:** “C” or better in Intermediate Automotive Skills  
**Graduation Requirement:** CTE, Elective  
Advanced Automotive Skills is a student-driven research and projects class. This class is defined by you. Each student meets with the instructor and a trimester education plan is designed. The student must design, create and present their trimester-long project, including all findings, research, and design elements. We want to be walked through your creative process! The student will also be required to pick an improvement project, such as the creation of an educational module, shop improvement project, or poster to be displayed in the commons or shop area! The student is responsible for the required weekly logbooks of time use and knowledge attained. This class can be just about anything automotive you can imagine. We have space and knowledge to guide you. The rest is up to you! Course can be repeated (student must have defined research and project prior to re-admission).

**STIHL ENGINE TECH**  
**IND105**  
**Grades:** 10 - 12  
**Length:** Trimester  
**Credit:** .50  
**Prerequisite:** None  
**Graduation Requirement:** CTE, Elective  
Students taking this class will study four & two stroke engines, ignition systems, carburetion, engine diagnosis, bar & chain selection, equipment warranty, product delivery, and part selection. Students that take this course will travel to the STIHL Northwest training facility at the end of the course to take their certification test. Students who pass the test will be an industry certified Bronze level technician. Student leadership, course projects and demonstration of employability skills are a major portion of this course.
**BUSINESS, MARKETING & VISUAL TECHNOLOGY**

**YEARBOOK**
Grades: 9 - 12  
Length: 2 Trimesters (Full Year Recommended)  
Credit: .50 per Trimester  
Prerequisite: Written Application and Teacher Permission  
Graduation Requirement: CTE, Fine Arts (3rd Trimester only, Must have previously passed Introduction to Beginning Art), Elective  
This course will operate as a project-based classroom using collaborative groups. Speaking and interpersonal skills are integral to this class for interviews and appearances on camera. Students will examine the responsibilities and ethics of broadcast journalism. Students will be trained in digital video camera techniques, including the basics of shooting and electronically editing video stories. This class will collaborate with the yearbook class to combine print coverage with digital coverage. Students will learn to write in broadcast style and will produce school published videos including, but not limited to: video announcements, sports highlights, music and drama productions, school-wide events, career and counseling corner, and coffee with the principal. Students enrolled in the course need to acknowledge and agree to participate in filming early mornings, evenings, and possibly weekends to cover events and meet deadlines. The commitment to meet deadlines means the student must be able to exercise good time-management and from time-to-time give priority to their class responsibilities over other outside school activities. Journalism is more than just a profession – it is an essential part of our society and it carries a great responsibility to make sure that stories we share are fair and accurate. It is highly recommended that you have taken and received a “B” or higher in a technology course and received a “C” or higher in your most recent English Language Arts course.

**WEB DESIGN**
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
In today’s world, web pages are the main medium for sharing ideas and information. Learning to design websites is an incredibly useful skill for any career path. Students will learn the languages HTML and CSS, and will create their own live hompages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi-page websites.

**GRAPHIC DESIGN**
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
If you are interested in learning how to posters, logos, and packaging design, this course will teach you how! Students will use computer software and digital cameras to edit graphics and explore design techniques. This course is designed to help students understand the role of promotion, media, publicity, and branding. No previous experience in art or drawing required.

**DIGITAL MEDIA COMMUNICATIONS**
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
This course will operate as a project-based classroom using collaborative groups. Speaking and interpersonal skills are integral to this class for interviews and appearances on camera. Students will examine the responsibilities and ethics of broadcast journalism. Students will be trained in digital video camera techniques, including the basics of shooting and electronically editing video stories. This class will collaborate with the yearbook class to combine print coverage with digital coverage. Students will learn to write in broadcast style and will produce school published videos including, but not limited to: video announcements, sports highlights, music and drama productions, school-wide events, career and counseling corner, and coffee with the principal. Students enrolled in the course need to acknowledge and agree to participate in filming early mornings, evenings, and possibly weekends to cover events and meet deadlines. The commitment to meet deadlines means the student must be able to exercise good time-management and from time-to-time give priority to their class responsibilities over other outside school activities. Journalism is more than just a profession – it is an essential part of our society and it carries a great responsibility to make sure that stories we share are fair and accurate. It is highly recommended that you have taken and received a “B” or higher in a technology course and received a “C” or higher in your most recent English Language Arts course.

**TECH TOOLS**
Grades: 9-12 **(All Freshmen are enrolled in this course)**  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
This is an introductory course that offers opportunities to utilize computer technology as a resource to support the student’s education during high school. Specific computer skills will include review of basic keyboarding skills, creating dynamic multimedia presentations, desktop publishing, manipulating graphs and charts, formatting documents, and appropriate digital citizenship. Great opportunity to become certified in Microsoft Office programs! **Incoming freshmen may opt to complete a challenge exam in lieu of course. Exam must be complete by May 30th of the prior year.

**MARKETING**
Grades: 9 - 11  
Length: Trimester (Full Year Recommended)  
Credit: .50 per Trimester  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
Marketing is a class that focuses on the challenging business function that applies economics, psychology, and sociology. Marketing students will be involved in problem solving and business decision making in a fun and challenging way. Travel, competition and marketing activities make this a fun and practical class for all students. To receive Tech Prep credit, a student must enroll in 2 Trimesters within one school year and earn a “B” or better each trimester. Students enrolled during 2nd Trimester will compete at DECA Competitions.
ADVANCED MARKETING  
MRK201/MRK202/MRK203  
Grades: 10 - 12  
Length: Trimester (Full Year Recommended)  
Credit: .50 per Trimester  
Prerequisite: Marketing or Teacher Permission  
Graduation Requirement: CTE, Elective  
The class is project-based focusing on creating, organizing and implementing a Community Service, Public Relations or Learn and Earn Project. This class is excellent for highly motivated students who want hands on learning with positive results in our school and community. To receive Tech Prep credit, student must enroll in 2 Trimesters within one school year and earn a “B” or better each trimester. Students enrolled in 1st or 2nd Trimester will compete at DECA Competitions.

LEADERSHIP  
MRK111/MRK112/MRK113  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
Students in this class will take on the task of creating a positive school climate. Potential leaders will develop the skills necessary to serve the needs of self, school, and community in the 21st century. Students will increase their effective use of communication skills, group processes, managerial skills, self-awareness, and human relations. Students will be expected to demonstrate their knowledge and apply their skills through class activities and projects. Required for ASB officers. ASB officers must participate in all three trimesters.

RETAIL MERCHANDISING  
MRK250/MRK251/MRK252  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
This course is offered to any student with aspirations in marketing and management who want real work experience. This class is perfect for energetic students interested in mastering cashiering, food prep, inventory control and promotion. Students who demonstrate quality work ethic and positive human relations skills will have the option of working in a management role. Successful students will leave with real work experience and letters of recommendation for future employers. To receive Tech Prep credit, student must enroll in 2 Trimesters within one school year and earn a “B” or better each trimester.

SPORTS & ENTERTAINMENT MARKETING  
MRK255  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Elective  
The Sports & Entertainment class will have a virtual business component. Students will own a professional sports team and be responsible for promotion, ticket pricing, stadium operations, staffing, sponsors, concessions concert booking and more. Completion of the DECA Sports & Entertainment Promotional Plan will be the capstone. Possible field trips include Pro Sports Career Day with the Portland Trailblazers.

FOUNDATIONS OF PHOTOGRAPHY  
ART350  
Grades: 10 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: None  
Graduation Requirement: CTE, Fine Arts, Elective  
This is a one trimester course where students will learn the fundamentals of the photographic process as it relates to digital photography. Students will also be exposed to the history of photography and photographic artists. An emphasis will be placed on the connections between visual art and photographs. Students will develop a basic knowledge of Adobe Photoshop through photo editing and creative projects. Students will learn how to take quality photographs that will give them an introduction to exposure and composition.

COMPUTER SCIENCE: BUILDING 2D GAMES  
MTH250  
Grades: 10 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “C” or better in Geometry  
Graduation Requirement: CTE, Elective  
Computing has changed the world in profound ways: it has opened up wonderful new ways for people to connect, design, research, play, create, and express themselves. However, using the computer is just a small part. This survey course offers students a hands-on introduction to computer science. Students will program using a block-based graphical interface as they learn how to translate their ideas into code. Students will learn about big ideas in computing such as abstraction and design, and will explore various aspects of computing relevant to themselves and to society.
AP COMPUTER SCIENCE                      MTH507/MTH508/MTH509
Grades: 10 - 12
Length: Full Year
Credit: .50 per Trimester
Prerequisite: Passing grade in Algebra II
Graduation Requirement: CTE, Elective
Cost: AP Exam Fee - To Be Determined
The AP Computer Science A course prepares students to take the College Board AP Computer Science A exam. This class is for those students who are interested in an in-depth course in computer science theory and practice. Students will learn to program in the Java language, with emphasis on problem solving, computer science theory, applications, algorithms, programming style, and programming design.

CAREER CHOICES                                                                   MSC433
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Students will be able to demonstrate competent job acquisition skills including filling out job applications, writing a resume, and interviewing skills. Students will investigate career interests and research careers to create a plan for future employment.

WORK EXPERIENCE                          WRKX01/WRKX02/WRKX03
Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisites: Teacher Permission and (1) Currently enrolled in or have successfully completed a CTE class related to the worksite; (2) Age 16 before enrolling; and (3) provide reliable transportation. Graduation Requirement: CTE, Elective
A learning experience in which the student has completed a qualifying CTE class prior to the co-op experience or concurrently enrolls in a CTE class at school and works in a related occupation.
WOOD TECHNOLOGY I
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: CTE, Elective
Cost: Costs for student project materials
This is an exploratory course in woodworking. The first two required projects are free. After that students select their own projects and have a required cost sheet which becomes a fine. The units of instruction to be covered are safety, woodworking tools, designing and planning, mathematics and measurements, wood joinery, gluing and clamping, wood finishing and much more.

WOOD TECHNOLOGY II
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Wood Technology I
Graduation Requirement: CTE, Elective
Cost: Costs for student project materials
This is a project-oriented course with the emphasis on craftsmanship in fine woodworking. All projects must have full plans including “a bill of materials and cut list” that are approved by the instructor. Units of instruction are safety, advanced woodworking tools and their use, machine setup and maintenance, mass production, wood and industrial finishes, and much more.

COMPUTER AIDED DESIGN (CAD) I
Grades: 9 – 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
This course introduces computer aided design (CAD) and the commands and procedures used to create, edit, and plot two and three-dimensional (3D) drawings. Drawing productivity, accuracy, and organizational techniques are emphasized in the course.

COMPUTER AIDED DESIGN (CAD) II
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Computer Aided Design I
Graduation Requirement: CTE, Elective
This course will further develop computer aided design (CAD) knowledge and skills. Students will use other 21st century tools such as a 3D scanner, vinyl and laser cutters, computer numerically controlled (CNC) routers, and a 3D printer to create prototypes and projects.

COMPUTER AIDED DESIGN (CAD) III
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Computer Aided Design II
Graduation Requirement: CTE, Elective
Students will learn architecture and engineering design in this course. Students will create a set of construction plans for a home design project. They will also learn how to create a working set of drawings using engineering design software called SolidWorks. Students will use 21st century tools such as a 3D scanner, laser cutter, CNC router, and a 3D printer to create design prototypes and projects.

COMPUTER AIDED DESIGN (CAD) IV
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: Computer Aided Design III
Graduation Requirement: CTE, Elective
This is an independent study course designed to further develop one’s 2D drawing and 3D modeling skills. This course is a continuation of advanced skills in CAD I, II, and III. Students will use 21st century tools such as a 3D scanner, vinyl and laser cutter, CNC router and plasma cutter, and a 3D printer to create advanced projects.

CREATIVE DESIGN & BUILD
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Cost: Costs for student project materials
Class projects are limited to your imagination, if you can dream it you can build it. Students will rotate learning through different types of equipment to include: SolidWorks, 2D & 3D modeling software, vinyl & laser cutters, 3D printer, CNC plasma cutter, shopbot and more.

CONSTRUCTION TECH
Grades: 9 - 12
Length: Trimester (Full Year Recommended)
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Students will learn about construction careers, safety, problem solving on the job, tool use, blueprint reading, framing, roofing installation, siding, door & window installation, and much more. If you want to learn how to work on/build your own house, or develop skills to help you be more employable in a construction related trade, this is the course for you.
FAMILY & CONSUMER SCIENCE

CHILD DEVELOPMENT
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Family Health
Graduation Requirement: CTE, Elective
COST: First Aid/CPR Card (optional)
Do you love children and dream of working with them someday? This class helps you understand the functions and dynamics of parenting, families, and how children grow and learn beginning with conception and ending with school age. You will gain basic infant/child care skills related to parenting and working in a care center. This class is a prerequisite to Careers in Child Care.

CAREERS IN CHILD CARE
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: Child Development
Graduation Requirement: CTE, Elective
COST: First Aid/CPR Card (optional)
In this class, students learn knowledge, skills and hands on practices required for careers in child care facilities. The course focuses on management of child care services. Students will design child care plans to meet children's developmental needs and interests and provide safe and healthy environments. Key curriculum focus areas will include learning styles, types of intelligence, basic instructional theory and methods, introduction to classroom management, classroom climate and introduction to curriculum components, i.e., core competencies, content, assessment, materials. Students will work off-campus during 2nd Trimester at an educational site teaching lessons, creating bulletin boards, reading stories to children, etc. A Child Care Basics industry certification, which is a Washington State requirement for professionals working in child care fields, is available.

INDEPENDENT LIVING
Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Thinking of living on your own? Join this class for skills in finding a job, figuring how to spend the money you make and make it go farther for an apartment, a car, clothes and all the necessities of life. Use the internet to learn how to set up a budget, check out good buys, save and make money in investments and calculate payments. Learn how to get a credit card and preserve your credit rating.

FASHION 101
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Elective
Fashion 101 is a one trimester course designed to offer an overview of the fashion industry. Topics covered include color theory, body shapes, history of fashion, careers in fashion, styling, merchandising, salesmanship, advertising, textile design, and sewing. This course is ideal for students interested in the fashion business. Since a fashion designer wears many hats, you will gain knowledge about everything from haute couture to budget clothing and that design is about research, knowledge of fabric, coordinating color and texture and monitoring quality and fit.

BODY WISE
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: PE, CTE, Elective
Want to take part in a class that will benefit you and your health? In this hybrid class, you will split time learning about nutrition in the classroom and performing physical activities on fitness days. In the classroom, you will discover exactly how food affects your body and your life, how many calories you burn and eat, and how to make the changes that will benefit your health. You will look at weight management, eating habits, and nutritional needs. On fitness days, plan to get out in the fresh air (weather permitting) or utilize the gym spaces and perform low to medium impact fitness methods and games. You will need gym attire for fitness days. A WIDE variety of fitness activities take place in this class.

SPORTS MEDICINE
Grades: 10 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: Science, CTE, Elective
This course provides the student with an overview and exposure to career opportunities within: physical therapy, athletic training, personal training, chiropractic, massage therapy, and occupational therapy. Students will gain skills and knowledge in rehabilitation techniques, patient evaluation, athletic injury recognition and treatment, pharmacology, current issues in sports medicine, fitness testing, training and conditioning. In addition, first aid, emergency procedures, basic sports medicine program organization, anatomy, physiology, and basic recognition of sport injuries will be covered.
### FAMILY & CONSUMER SCIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grades</th>
<th>Length</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Graduation Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEEN CUISINE I</td>
<td>HFL110</td>
<td>9 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td></td>
<td>CTE, Elective</td>
<td>Do you like to cook? This class is for you! Learn to cook and make good food to feed yourself, your family, or a best friend. You may want to move ahead to earn a Certificate in Culinary Arts. This class is a first step to becoming a chef. Learn your way around the kitchen. Impress your friends and family with sensational food.</td>
</tr>
<tr>
<td>TEEN CUISINE II</td>
<td>HFL115</td>
<td>9 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>Teen Cuisine I</td>
<td>CTE, Elective</td>
<td>So you already know the basic cooking skills you learned in Teen Cuisine. Now it’s time to put that knowledge into practice in this advanced Teen Cuisine II class. Use more advanced cooking skills and food knowledge to prepare special dishes that smell and taste good. Learn how to select the best quality of foods to prepare and understand how they fit into your healthy diet. Learn how to budget for meats, entertain with flair, cook ethnic foods using herbs and spices and explore career opportunities in the food industry. All students will participate in acquiring a food worker’s card during scheduled class time.</td>
</tr>
<tr>
<td>HILANDER CATERING</td>
<td>HFL305/HFL306</td>
<td>10 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>Teen Cuisine I and II</td>
<td>CTE, Elective</td>
<td>This preparatory course takes a deeper dive into the fast paced world of restaurant management. Students will learn more about the hospitality and food service industry through hosting and catering a variety of events. Students will create a portfolio including: food worker’s card, measurement certifications, knife cuts and more. Participation in catering events outside of class time is required- evenings/weekends.</td>
</tr>
<tr>
<td>GLOBAL CUISINE</td>
<td>HFL310</td>
<td>11-12</td>
<td>Trimester</td>
<td>.50</td>
<td></td>
<td>CTE, Elective</td>
<td>Students will explore traditional foods of different countries by continents. We will study and use herbs and spices that are unique to each region. The history of the foods and health benefits along with the preparation, presentation and etiquette of each will also be stressed. Chinese, German, East Indian, Italian, Mexican and Thai foods are just some of the areas we will study and enjoy. Emphasis will be placed on teamwork, leadership and culinary skills. This will be an elective credit for upper classes that can't add another foods class to their schedule.</td>
</tr>
<tr>
<td>HEALTH</td>
<td>HFL925</td>
<td>9</td>
<td>Trimester</td>
<td>.50</td>
<td></td>
<td>Health</td>
<td>This course focuses on the importance of good health. Students discuss information based on the physical, social, and emotional aspects of health. Topics include wellness, life skills, personal health, drugs and alcohol, sexual health, personal safety, nutrition, and community health. Completion of service learning hours is also required within the Power of One FCCLA project. Note: Students will be excused from sexual health education instruction at parent request.</td>
</tr>
</tbody>
</table>


OFF-CAMPUS PROGRAMS

HEALTH SCIENCE CAREERS MSC413/MSC414/MSC415
Grades: 11 - 12
Length: Full Year
Class Time: M/T/Th/F: 7:45 - 9:30am; W: 7:45 - 9:15am
Credit: 3.5
Prerequisite: Application Packet Required; Obtain in Career Center. GPA of 2.5 or Greater. No Discipline or Attendance Issues. Peace Health requires passing of Drug Screen Test before clinical experience.
Graduation Requirement: CTE, Elective
Cost: Clothing requirements (for second trimester) (1) non-skid athletic type footwear (no slip-ons/slides) and (2) Scrubs approximately $35.00/set. 1st Aid/CPR is taught during the class, the cards cost $6.00. Must have health insurance (if you do not have health insurance see your counselor).
Location: Off Campus - Occupational Health (Longview) - Must provide own transportation.
This course presents an overview of healthcare industry with an emphasis on learning the basic knowledge and skills common to any health care career. Second trimester, if they choose, students have the opportunity to earn a “Nursing Assistant Certificate of Completion”. Training and/or shadowing experience is available in local extended care facilities, most departments at St. John’s Medical Center, and other healthcare facilities such as dental clinics, veterinary clinics, imaging, and physical therapy clinics. To receive Tech Prep credit, students must enroll in all 3 Trimesters and earn a “B” or better each trimester.

POLICE SCIENCE MSC401/MSC402/MSC403
Grades: 11 - 12
Length: Full Year
Class Time: M/T/Th/F: 7:45 - 9:30am; W: 7:45 - 9:15am
Credit: 3.0
Prerequisite: Application Packet Required; Obtain in Career Center. Students must pass a Criminal Background Check and are subject to random drug screen testing.
Graduation Requirement: CTE, Elective, PE (0.50)
Cost: Uniform - Approximately $85.00 (price may vary)
Students will receive an overview of the criminal justice system, law enforcement, community policing, criminal acts and their impacts on society. Course content covers the US Constitution and current criminal codes. To receive Tech Prep credit, students must enroll in all 3 Trimesters and earn a “B” or better each trimester.

FIRE SCIENCE-FIRST RESPONDER I MSC339/MSC340/MSC341
Grades: 11 - 12
Length: Full Year
Class Time: M/T/Th/F: 7:45 - 9:30am; W: 7:45 - 9:15am
Credit: 3.0
Prerequisite: Application Packet Required; Obtain in Career Center. Students must pass a Criminal Background Check and are subject to random drug screen testing.
Graduation Requirement: CTE, Elective
Cost: Uniform - $85.00 (T-Shirt - $10.00, Pants - $35.00, Duty Boots - $40.00). MERTS Live Fire Field Trip - $120.00.
Location: Off Campus - Cowlitz 2 Fire Station (Kelso) - Must provide own transportation.
Firefighters are often the first responders to an emergency and serve as EMTs and paramedics on scene. People’s lives often depend on their quick reactions and competent care. This course is offered to juniors or seniors interested in exploring potential career paths available as a Firefighter and/or First Responder. This course is fast-paced and focuses on the basic skills needed to become an entry-level firefighter in the State of Washington. Concepts covered include: Incident Command Systems, Fire Service History, Equipment Safety, Rescue and Extrication, Forcible entry, Pre-hospital emergency care and more.

FIRE SCIENCE FIRST RESPONDER II MSC342/MSC343/MSC344
Grades: 12
Length: Full Year
Class Time: M/T/Th/F: 7:45 - 9:30am; W: 7:45 - 9:15am
Credit: 3.0
Prerequisite: Fire Science-First Responder I. Students must pass a Criminal Background Check prior to enrollment. Students should be able to read at the 10th Grade Level.
Graduation Requirement: CTE, Elective, PE (0.50)
Cost: MERTS Live Fire Field Trip - $120.00.
Location: Off Campus - Cowlitz 2 Fire Station (Kelso) - Must provide own transportation.
Students complete advanced training that further prepares them for an industry level certification. Fire Science First Responder II encompasses adult, child and infant CPR and first aid skills, and incorporates Automatic External Defibrillator (AED) training and emergency oxygen use. In addition to advanced firefighter and first responder skill training, students will also participate in resume building and job interview skills.
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Integrated Earth/Space and Integrated Physics or the Middle School equivalent
Graduation Requirement: Science, CTE, Elective
Cost: $10.00 Materials Fee

Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Students will determine the factors that led to the death of a fictional woman, sequentially piecing together evidence found in her medical history and autopsy report, and investigating lifestyle choices and medical treatments that might have prolonged her life. The activities and projects introduce students to human physiology, basic ecology, and medicine. 9th & 10th graders who are interested in the medical field can take this fast paced, self-directed, rigorous course in lieu of Biology.

ANATOMY & PHYSIOLOGY
Grades: 10 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Biology or Biomedical Science
Graduation Requirement: Science, CTE, Elective
Cost: $10.00 Materials Fee

This class offered equivalent credits from Lower Columbia Community College for Survey of Human Anatomy & Physiology. Students will examine the interactions of human body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal model, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

MEDICAL INTERVENTIONS
Grades: 10 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Biomedical Science or Anatomy & Physiology
Graduation Requirement: Science, CTE, Elective
Cost: $10.00 Materials Fee

In this advanced course, students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, diagnostics, suturing, prosthetic limbs, and laparoscopic techniques.

SPORTS MEDICINE
Grades: 10 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: Science, CTE, Elective

This course provides the student with an overview and exposure to career opportunities within: physical therapy, athletic training, personal training, chiropractic, massage therapy, and occupational therapy. Students will gain skills and knowledge in rehabilitation techniques, patient evaluation, athletic injury recognition and treatment, pharmacology, current issues in sports medicine, fitness testing, training and conditioning. In addition, first aid, emergency procedures, basic sports medicine program organization, anatomy, physiology, and basic recognition of sport injuries will be covered.

COMPUTER SCIENCE: BUILDING 2D GAMES
Grades: 10 – 12
Length: Trimester
Credit: .50
Prerequisite: Passing grade in Geometry
Graduation Requirement: CTE, Elective

Computing has changed the world in profound ways: it has opened up wonderful new ways for people to connect, design, research, play, create, and express themselves. However, using the computer is just a small part. This survey course offers students a hands-on introduction to computer science. Students will program using a block-based graphical interface as they learn how to translate their ideas into code. Students will learn about big ideas in computing such as abstraction and design, and will explore various aspects of computing relevant to themselves and to society.

AP COMPUTER SCIENCE
Grades: 10 - 12
Length: Full Year
Credit: .50 per Trimester
Prerequisite: Passing grade in Algebra II
Graduation Requirement: CTE, Elective
Cost: AP Exam Fee - To Be Determined

The AP Computer Science A course prepares students to take the College Board AP Computer Science A exam. This class is for those students who are interested in an in-depth course in computer science theory and practice. Students will learn to program in the Java language, with emphasis on problem solving, computer science theory, applications, algorithms, programming style, and programming design.
LANGUAGE ARTS

LANGUAGE ARTS 9  LAN901/LAN902
Grades: 9
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: Language Arts
Language Arts emphasizes an integration and continual development of the skills of reading, writing, speaking, listening, researching, and thinking. The focus will include an investigation of several forms of fiction and non-fiction. Students will study professional and peer writing models as they develop their own skills in writing.

HONORS LANGUAGE ARTS 9  LAN950/LAN951
Grades: 9
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: Language Arts
9th grade students who would like to challenge themselves would benefit from the opportunity to take this advanced language arts class to focus on an integration of reading, writing, speaking, listening, thinking, and researching with more challenging and in-depth assignments. Students will investigate professional writing in fiction and nonfiction and work with peers in skill analysis and the writing process.

LANGUAGE ARTS 10  LAN101/LAN102
Grades: 10
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: Language Arts
This course is designed to enhance writing ability through the careful study and practice of working with distinct rhetorical patterns. This class will also develop test-taking skills and enhance vocabulary development. Students will practice employing standard writing conventions while gaining an increased awareness through grammar and usage review. Students will also work to develop their ability to analytically think about literature in regards to author’s

HONORS WORLD LITERATURE  LAN150/LAN151
Grades: 10
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: Language Arts
Course is for college bound sophomores. Students will explore universal themes through literature that provide a platform for major writing assignments in various genres, for a variety of audiences, and for different purposes. Additionally, students will work to develop their ability to think critically and analytically about literature, its connection to their own experience, and its impact on world history.
### LANGUAGE ARTS

**ELECTIVES FOR COLLEGE BOUND SENIORS**

Note: Seniors who plan to attend a two or a four-year college should choose either College Preparatory Language Arts I and II, AP Literature and Compositions, UW English 111 or 131. Courses specifically focus on developing analytical reading/writing skills that college students use daily.

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grades</th>
<th>Length</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Graduation Requirement: Language Arts</th>
<th>Cost: All costs are paid for by the Kelso School District.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COLLEGE PREP LANGUAGE ARTS I</strong> (LAN301)</td>
<td>12</td>
<td>Trimester</td>
<td>.50 per Trimester</td>
<td>Teacher Permission</td>
<td>Language Arts</td>
<td>Students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, prompts, and grading scales. In this writing course, students will develop a compendium of written work (essays) that reflects an ability to compose claim-driven writing, including two extended researched argumentative essays as culminating pieces in distinct writing sequences. The readings in this class focus on academic discourse derived from nonfiction. This course is designed to emphasize inquiry and research; synthesis and analysis; argumentation and reasoning; formal academic documentation; integration and documentation of evidence; and sentence correctness, diction, and style. We will approach writing as an ongoing, recursive process that involves critical reading, discussion, prewriting, drafting, responding, revising, and editing.</td>
</tr>
<tr>
<td><strong>COLLEGE PREP LANGUAGE ARTS II</strong> (LAN302)</td>
<td>12</td>
<td>Trimester</td>
<td>.50 per Trimester</td>
<td>“C” or better in LA 11</td>
<td>Language Arts</td>
<td>Students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, prompts, and grading scales. In this writing course, students will develop a compendium of written work (essays) that reflects an ability to compose claim-driven writing, including two extended researched argumentative essays as culminating pieces in distinct writing sequences. The readings in this class focus on academic discourse derived from nonfiction. This course is designed to emphasize inquiry and research; synthesis and analysis; argumentation and reasoning; formal academic documentation; integration and documentation of evidence; and sentence correctness, diction, and style. We will approach writing as an ongoing, recursive process that involves critical reading, discussion, prewriting, drafting, responding, revising, and editing.</td>
</tr>
<tr>
<td><strong>AP LITERATURE &amp; COMPOSITION</strong> (LAN400/LAN401/LAN402)</td>
<td>12</td>
<td>Full Year</td>
<td>.50 per Trimester</td>
<td>“C” or better in LA 11</td>
<td>Language Arts</td>
<td>Students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, prompts, and grading scales. In this writing course, students will develop a compendium of written work (essays) that reflects an ability to compose claim-driven writing, including two extended researched argumentative essays as culminating pieces in distinct writing sequences. The readings in this class focus on academic discourse derived from nonfiction. This course is designed to emphasize inquiry and research; synthesis and analysis; argumentation and reasoning; formal academic documentation; integration and documentation of evidence; and sentence correctness, diction, and style. We will approach writing as an ongoing, recursive process that involves critical reading, discussion, prewriting, drafting, responding, revising, and editing.</td>
</tr>
<tr>
<td><strong>UW ENGLISH 111 COMPOSITION: LITERATURE</strong> (LAN503/LAN504)</td>
<td>11 or 12</td>
<td>Trimesters</td>
<td>.50 per Trimester</td>
<td>“B” average in LA 9 and 10 classes (if taking as a junior) &amp; LA 11 (if taking as a senior) and Proficient or Advanced on the ELA Smarter Balanced Assessment</td>
<td>Language Arts</td>
<td>Students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, prompts, and grading scales. In this writing course, students will develop a compendium of written work (essays) that reflects an ability to compose claim-driven writing, including two extended researched argumentative essays as culminating pieces in distinct writing sequences. The readings in this class focus on academic discourse derived from nonfiction. This course is designed to emphasize inquiry and research; synthesis and analysis; argumentation and reasoning; formal academic documentation; integration and documentation of evidence; and sentence correctness, diction, and style. We will approach writing as an ongoing, recursive process that involves critical reading, discussion, prewriting, drafting, responding, revising, and editing.</td>
</tr>
<tr>
<td><strong>UW ENGLISH 131 COMPOSITION: EXPOSITION</strong> (LAN501/LAN502)</td>
<td>11 - 12</td>
<td>Trimesters</td>
<td>.50 per Trimester</td>
<td>“B” average in LA 9 and 10 classes (if taking as a junior) &amp; LA 11 (if taking as a senior) and Proficient or Advanced on the ELA Smarter Balanced Assessment</td>
<td>Language Arts</td>
<td>Students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, prompts, and grading scales. In this writing course, students will develop a compendium of written work (essays) that reflects an ability to compose claim-driven writing, including two extended researched argumentative essays as culminating pieces in distinct writing sequences. The readings in this class focus on academic discourse derived from nonfiction. This course is designed to emphasize inquiry and research; synthesis and analysis; argumentation and reasoning; formal academic documentation; integration and documentation of evidence; and sentence correctness, diction, and style. We will approach writing as an ongoing, recursive process that involves critical reading, discussion, prewriting, drafting, responding, revising, and editing.</td>
</tr>
<tr>
<td><strong>BRIDGE TO COLLEGE ENGLISH LANGUAGE ARTS</strong> (LAN305/LAN306)</td>
<td>12</td>
<td>Trimesters</td>
<td>.50 per Trimester</td>
<td>Level 2 on the Smarter Balanced Assessment</td>
<td>Language Arts</td>
<td>Students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, prompts, and grading scales. In this writing course, students will develop a compendium of written work (essays) that reflects an ability to compose claim-driven writing, including two extended researched argumentative essays as culminating pieces in distinct writing sequences. The readings in this class focus on academic discourse derived from nonfiction. This course is designed to emphasize inquiry and research; synthesis and analysis; argumentation and reasoning; formal academic documentation; integration and documentation of evidence; and sentence correctness, diction, and style. We will approach writing as an ongoing, recursive process that involves critical reading, discussion, prewriting, drafting, responding, revising, and editing.</td>
</tr>
</tbody>
</table>

*Note: Successful completion of this course can be used to meet the state requirements for a locally determined assessment, as an alternative to passing the state assessment in ELA.*
## LANGUAGE ARTS

### ELECTIVES FOR NON COLLEGE BOUND SENIORS

Note: Students who do not plan to attend a two or four-year college may consider these course options.

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grades</th>
<th>Length</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Graduation Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative Writing</td>
<td>LAN325</td>
<td>11 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>B or better in LA10</td>
<td>Language Arts 12, Elective</td>
</tr>
<tr>
<td>Speech</td>
<td>LAN320</td>
<td>11 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>None</td>
<td>Language Arts 12, Elective</td>
</tr>
<tr>
<td>Young Adult Literature</td>
<td>LAN316</td>
<td>10 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>None</td>
<td>Language Arts 12, Elective</td>
</tr>
<tr>
<td>Horror and Suspense</td>
<td>LAN317</td>
<td>11 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>B or better in Beginning Theatre</td>
<td>Language Arts 12, Elective</td>
</tr>
<tr>
<td>Science Fiction Literature</td>
<td>LAN318</td>
<td>10 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>None</td>
<td>Language Arts 12, Elective</td>
</tr>
<tr>
<td>Beginning Theatre</td>
<td>LAN209</td>
<td>9 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>None</td>
<td>Fine Arts, Elective</td>
</tr>
<tr>
<td>Intermediate Theatre I</td>
<td>LAN210</td>
<td>9 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>B or better in Beginning Theatre</td>
<td>Fine Arts, Elective</td>
</tr>
</tbody>
</table>

Key concepts will include different types of horror, how suspense and fear are created in visual media, common horror conventions and tropes, and instruction in understanding how visual media tell stories. Class may not be repeated for credit.

This is a performance based course, offered during 1st Trimester only, that introduces actors to the basic elements of acting and theatre. Students will develop skills essential for performing pantomime, monologues, and improve theatre. This course has an afterschool participation requirement towards the end of the trimester for the Autumn Showcase. DOES NOT MEET SENIOR ENGLISH REQUIREMENT.

This class will trace horror and suspense in the Western tradition in film and television. Units may include short stories and excerpts from novels from the US and the UK; the development of horror in early film; Alfred Hitchcock and suspense; 20th century writers of horror; the influence of television on horror, including *The Twilight Zone* and *Hannibal*. DOES NOT MEET SENIOR ENGLISH REQUIREMENT.
INTERMEDIATE THEATRE II  
Grades: 9 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “B” or better in Intermediate Theatre I and Teacher Permission  
Graduation Requirement: Fine Arts, Elective  
This is a performance based course, offered once a year during trimester 3, that builds upon skills learned in Intermediate Theatre I. Students will learn and develop more advanced acting techniques essential for developing and performing devised theatre, playwriting, and improv. DOES NOT MEET SENIOR ENGLISH REQUIREMENT.

ADVANCED THEATRE  
Grades: 10 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “B” or better in Intermediate Theatre II and Audition  
Graduation Requirement: Language Arts 12, Fine Arts, Elective  
This is a performance based course that includes a more detailed study in acting, directing, technical theatre, and theatre literature. During 2nd Trimester the students will put on a full show which takes them through each step of the production process. As such, there is an after school participation requirement which includes rehearsals and performances, which be outlined in the syllabus.

THEATRE TECHNICAL DESIGN  
Grades: 10 - 12  
Length: Trimester  
Credit: .50  
Prerequisite: “B” or better in Advanced Theatre and Teacher Permission  
Graduation Requirement: Fine Arts, Elective  
This course is a practical, activity based class designed to teach students the basics of the technical aspects of the world of theatre. The course will include practical instruction in costume design, stage makeup, props design, set design and construction, lighting design, and sound engineering. Students will learn how to create a design aesthetic which will include a costume plot, face schematics, set rendering/model, and a lighting and sound plot. They will also learn general stage construction and care of equipment. DOES NOT MEET SENIOR ENGLISH REQUIREMENT.
## MATHMATICS

**ALGEBRA I**  
MTH000/MTH099/MTH101/MTH102  
**Grades:** 9 - 12  
**Length:** Dependent on Placement Test  
**Credit:** .50 per Trimester (No credit for MTH000)  
**Prerequisite:** Test Score and Teacher Recommendation  
**Graduation Requirement:** 1st Year Math*, Elective**  
*Students must receive credit for MTH101 and MTH102 in order to meet the 1st Year Math graduation requirement.**  
**MTH099 meets Elective graduation requirement only.**

**MTH000 - FOUNDATIONS OF MATH:** Designed to enhance foundational math skills in preparation for Algebra Readiness. Students are placed in this course on a needs basis. *This is an intervention course and therefore is non-credited. Course does not meet any graduation requirements.*

**MTH099 - ALGEBRA READINESS:** Designed to prepare students for a traditional Algebra sequence, students will solve multi-step equations (A-CED-1, A-REI-1, and A-REI-3), as well as build number sense and fluency, develop problem solving skills and perseverance (Math Practices 1 and 2). Other topics will be presented as needed to help students meet standards for Algebra.

**MTH101:** This course will focus on linear functions, the notation of functions, writing linear functions and solving systems of equations as outlined in the Common Core State Standards.

**MTH102:** The final course in the Algebra sequence, MTH102 will focus on data and statistics, quadratics, exponents, exponentials, and polynomials, as outlined in the Common Core State Standards. Placement in Algebra I sequence will be based upon student performance on an entry/exit exam, instructor recommendation and student performance.

**ALGEBRA I WITH ACADEMIC LANGUAGE SUPPORT**  
MTH125/MTH126/MTH127  
**Grades:** 9 – 12  
**Length:** Full Year  
**Credit:** .50 per Trimester  
**Prerequisite:** Placement by Teacher  
**Graduation Requirement:** 1st Year Math (1.0), Elective (0.50)  
This class will provide modified instruction in English of standards-based Algebra I content. Students will be engaged in a constant, concerted effort to develop inquiry-based math skills while developing academic language. Algebra I is a required academic course, and this sheltered version will make content comprehensible using modified language and research-based strategies without sacrificing the quality of instruction or depth of understanding for our ELL population.

**GEOMETRY**  
MTH201/MTH202  
**Grades:** 9 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Algebra I  
**Graduation Requirement:** 2nd Year Math  
Topics include those found in the state adopted Geometry curriculum: logical arguments and proof, lines and angles, two and three dimensional figures, geometry in the coordinate plane, right triangle trigonometry, geometric transformation and measurement of space figures.

**ALGEBRA II**  
MTH301/MTH302  
**Grades:** 9 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** MTH 101 and MTH102  
**Graduation Requirement:** 3rd Year Math  
This course is designed for the student who needs math as a tool for further work in mathematics, chemistry, physics, engineering, nursing, or enjoys the challenge of mathematics. The course will cover topics including problem solving in algebra, numbers and operations, quadratic functions, polynomials, rational, radicals, exponential and logarithmic functions and equations.

**STATISTICS**  
MTH425/MTH426  
**Grades:** 9 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Algebra II or Teacher Permission  
**Graduation Requirement:** 3rd Year Math, Elective  
This course is designed for the student who needs math as a tool for further work in mathematics, psychology, economics, research and analysis of data, or enjoys the challenge of mathematics. Topics include exploring data and observing patterns, interpreting graphical displays of data, methods of data collection, planning and conducting surveys and experiments, probability theory and simulation, confidence intervals and tests of significance. This course will focus on the use of computer technology to analyze data.

**PRE-CALCULUS & TRIGONOMETRY**  
MTH401/MTH402  
**Grades:** 9 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Algebra II  
**Graduation Requirement:** 3rd Year Math, Elective  
This course is designed for the student who intends to go further in the study of mathematics, will need additional advanced mathematics to pursue interests in science or technical fields, or enjoys the satisfaction which comes from being able to complete challenging mathematical work. It also prepares students for taking college entrance tests and advanced math classes such as Pre-Calculus. Topics covered are right triangle and unit circle trigonometry, graphs of trigonometric functions, trigonometric identities, solving trigonometric equations, vectors, matrices, and three-dimensional geometry.
# MATHEMATICS

## UW MATH 120: PRE-CALCULUS  
**MTH415/MTH416**
**Grades:** 10 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** “C” or better in Algebra II and Teacher Recommendation  
**Graduation Requirement:** 3rd Year Math, Elective  
**Cost:** $10 text fee (optional, text available as PDF for free)  
Students can complete University of Washington courses and earn UW credit. Course uses UW curriculum and grade scales. This course is designed for the student who intends to go further in the study of mathematics, or pursue interests in science or technical fields. This course is the prerequisite for taking AP Calculus. Topics include properties of functions and their graphs; emphasis on linear, quadratic, trigonometric, exponential functions and their inverses. Emphasis will be on multi-step problem solving.

## AP CALCULUS BC  
**MTH504/MTH505/MTH506**
**Grades:** 10 - 12  
**Length:** Full Year  
**Credit:** .50 per Trimester  
**Prerequisite:** AP Calculus AB  
**Graduation Requirement:** 3rd Year Math, Elective  
**Cost:** AP Exam Fee - To Be Determined  
Students will work independently through the College Board syllabus required materials for second year calculus. Topics include Parametric Equations, Vector Equations and Polar Equations, the derivatives and integrals of each type of function. Students will work with advanced integration techniques (including trigonometric substitution, Integration by Parts and Partial Fractions) and Sequences and Series. Students will learn about Taylor Series approximations and errors, convergence and divergence test including the ratio and root test, integral test, and alternating series tests. The curriculum is aligned with the framework defined by the College Board and AP exam scores may lead to college credit.

## BRIDGE TO COLLEGE MATH  
**MTH510/MTH511**
**Grades:** 11 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Geometry (Level 2 on the Smarter Balance Assessment required for college math placement)

**Graduation Requirement:** 3rd Year Math*, Elective  
*Must have parent, counselor, and administrator approval to fulfill 3rd Year Math credit requirement in accordance with the student's High School and Beyond Plan  
The curriculum emphasizes modeling with mathematics. Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course addresses a variety of essential standards from Algebra I, statistics and geometry, plus the Algebra II standards agreed to as essential college and career readiness standards for most students. Students receiving an A or B in this course will be guaranteed college level math placement at Washington community colleges. Successful completion of this course can be used to meet the state requirements for a locally determined assessment, as an alternative to passing the state assessment in mathematics.

## INDUSTRIAL MATH  
**MTH529/MTH530**
**Grades:** 11 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Geometry  
**Graduation Requirement:** 3rd Year Math, CTE, Elective  
Emphasizes basic skills in applied mathematics designed to support students entering the technical work force. The focus is real world problem solving that students carry to their specific careers. Emphasis is given to the critical and creative thinking process as students look to strengthen their use of arithmetic concepts, measurements, practical geometry, basic algebra and right angle trigonometry.
## PERFORMING ARTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grades</th>
<th>Length</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Graduation Requirement</th>
<th>Cost</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAZZ ENSEMBLE</td>
<td>MUS171/MUS172/MUS173</td>
<td>9 - 12</td>
<td>Trimester (Full Year Recommended)</td>
<td>.50</td>
<td>By Audition and Teacher Permission; must also be enrolled in a different music course at KHS approved by the Teacher</td>
<td>Fine Arts, Elective</td>
<td>Concert Attire Required, Transportation and other costs To Be Determined based upon music festivals</td>
<td>Jazz Ensemble is the premier performing group at KHS, performing more than any other ensemble. Throughout the school year, the Jazz Ensemble will play concerts both during and after school, in the community, and will perform at several jazz festivals throughout the Northwest. Weekend and evening performances will be required.</td>
</tr>
<tr>
<td>CONCERT BAND</td>
<td>MUS100/MUS101/MUS102</td>
<td>9 - 12</td>
<td>Trimester (Full Year Recommended)</td>
<td>.50</td>
<td>Previously Developed Instrument Skills</td>
<td>Fine Arts, Elective</td>
<td>Concert Attire Required, Transportation and other costs To Be Determined based upon music festivals</td>
<td>This course is designed for students who have previous experience playing in a traditional school band. Performances include district contests, school concerts, and various other performances scheduled throughout the year. Weekend and evening performances will be required.</td>
</tr>
<tr>
<td>WIND ENSEMBLE</td>
<td>MUS601/MUS602/MUS603</td>
<td>9 - 12</td>
<td>Trimester (Full Year Recommended)</td>
<td>.50</td>
<td>By Audition and Teacher Permission</td>
<td>Fine Arts, Elective</td>
<td>Concert Attire Required, Solo &amp; Ensemble Fees Required, Transportation and other costs To Be Determined based upon music festivals</td>
<td>This course is designed for students who possess advanced skill on a traditional band instrument. Performances include district contests, school concerts, festivals around the Northwest, and various other performances scheduled throughout the year. Weekend and evening performances will be required. Students are required to perform a solo at Solo &amp; Ensemble.</td>
</tr>
<tr>
<td>PERCUSSION ENSEMBLE</td>
<td>MUS145</td>
<td>9 - 12</td>
<td>Trimester (Full Year Recommended)</td>
<td>.50</td>
<td>Previously Developed Instrument Skills</td>
<td>Fine Arts, Elective</td>
<td>Concert Attire Required, Transportation and other costs To Be Determined based upon music festivals</td>
<td>Students in the Percussion Class learn the basics of reading music, keeping time, and learning how to play the snare drum and marimba at an elevated level. Students will learn the basics of bass drum, timpani, cymbals, clave, xylophone, and chimes as needed. Weekend and evening performances will be required.</td>
</tr>
<tr>
<td>BEGINNING GUITAR</td>
<td>MUS130</td>
<td>9 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>None</td>
<td>Fine Arts, Elective</td>
<td>$15.00 for guitar strings, picks, music, and repairs</td>
<td>This entry level class is designed with the beginner in mind. Students will be provided with a guitar and must maintain the instrument in good working order. The basics of good guitar technique will be taught with an introduction to stylistic interpretation. Students will also learn to read and play from basic music notation, rhythm, and musical form.</td>
</tr>
<tr>
<td>ADVANCED GUITAR</td>
<td>MUS135</td>
<td>10 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>Passing grade in Beginning Guitar and Teacher Permission</td>
<td>Fine Arts, Elective</td>
<td>$15.00 for guitar strings, picks, music, and repairs</td>
<td>This class is designed for students who have taken Beginning Guitar and can read notation music and rhythms. Tablature will not be taught or used in this class. Advanced Guitar and musical concepts will be taught with their relation to various musical styles. In addition, students will be able to successfully pass Benchmark 3 of the new state fine arts graduation requirements.</td>
</tr>
<tr>
<td>STRING ORCHESTRA</td>
<td>MUS201/MUS202/MUS203</td>
<td>9 - 12</td>
<td>Trimester (Full Year Recommended)</td>
<td>.50</td>
<td>Previously Developed Instrument Skills</td>
<td>Fine Arts, Elective</td>
<td>Concert Attire Required, Transportation and other costs To Be Determined based upon music festivals</td>
<td>This course is designed for students who have previous experience playing in an orchestra. Performances include district contests, school concerts, and various other performances scheduled throughout the year. Weekend and evening performances will be required.</td>
</tr>
</tbody>
</table>
PERFORMING ARTS

CHAMBER ORCHESTRA     MUS271/MUS272/MUS273
Grades: 9 - 12
Length: Trimester (Full Year Recommended)
Credit: .50
Prerequisite: By Audition and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: Concert Attire Required, Solo & Ensemble Fees Required, Transportation and other costs To Be Determined based upon music festivals
This ensemble is for student musicians who demonstrate exceptional skill on a string instrument. Students will have the opportunity to play both in a large orchestral setting and as small chamber groups (quartets and quintets.) Performances include school concerts, district contests, and various other performances within the community throughout the year. Weekend and evening commitments will be required. Students are also required to participate in the district solo and ensemble festival.

CONCERT CHOIR                               MUS300/MUS301/MUS302
Grades: 9 - 12
Length: Trimester (Full Year Recommended)
Credit: .50
Prerequisite: None
Graduation Requirement: Fine Arts, Elective
Cost: Concert Attire Required, Transportation and other costs To Be Determined based upon music festivals
This non-audition choir will focus on exploring music of various periods and styles. Performance skills, music theory, sight-reading skills, and vocal technique will be emphasized. Students will perform at assemblies and special events during the regular school day and weekend and evening commitments will be required.

CHAMBER CHOIR                              MUS350/MUS351/MUS352
Grades: 9 - 12
Length: Trimester (Full Year Recommended)
Credit: .50
Prerequisite: By Audition and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: Concert Attire Required, Solo & Ensemble Fees Required, Transportation and other costs To Be Determined based upon music festivals
This audition choir is open to students of all grade levels who demonstrate strong vocal techniques and an excellent work ethic. Students will focus on performance skills, sight-reading skills, music theory, and advanced vocal technique. Students will perform at assemblies and special events during the regular school day and weekend and evening commitments will be required.

THE SCOTS                          MUS370/MUS371/MUS372
Grades: 9 - 12
Length: Trimester (Full Year Recommended)
Credit: .50
Prerequisite: By Audition and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: Concert Attire Required, Solo & Ensemble Fees Required, Transportation and other costs To Be Determined based upon music festivals
This course is open to students of all grade levels who are interested in styles of music consisting of jazz, pop, swing, contemporary, etc. This course emphasizes performance skills and creativity through singing and choreography. Students must be able to commit to attending mandatory rehearsals and performances outside of the regular school day. Specifically, students must be available for extra-curricular performances in the months of November and December, and be able to sing music with sacred context.

BEGINNING THEATRE                                                          LAN209
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: Fine Arts, Elective
This is a performance based course, offered during 1st Trimester only, that introduces actors to the basic elements of acting and theatre. Students will develop skills essential for performing pantomime, monologues, and improve theatre. This course has an afterschool participation requirement towards the end of the trimester for the Autumn Showcase.

INTERMEDIATE THEATRE I                                                    LAN210
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Beginning Theatre
Graduation Requirement: Fine Arts, Elective
This is a performance based course, offered during 2nd Trimester only, that builds upon skills learned in Beginning Theatre. Students will learn and develop more advanced acting techniques essential for developing and performing monologues, duologues, and group scenes, as well as delve more into the history of theatre. This course has an afterschool participation requirement towards the end of the trimester for the Winter Showcase.
INTERMEDIATE THEATRE II                                            LAN211
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Intermediate Theatre I and
Teacher Permission
Graduation Requirement: Fine Arts, Elective
This is a performance based course, offered once a year during
trimester 3, that builds upon skills learned in Intermediate
Theatre I. Students will learn and develop more advanced acting
techniques essential for developing and performing devised
theatre, playwriting, and improv.

ADVANCED THEATRE                                  LAN212/LAN213/LAN214
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Intermediate Theatre II and
Audition
Graduation Requirement: Language Arts 12, Fine Arts,
Elective
This is a performance based course that includes a more
detailed study in acting, directing, technical theatre, and theatre
literature. During 2nd Trimester the students will put on a full
show which takes them through each step of the production
process. As such, there is an after school participation
requirement which includes rehearsals and performances,
which be outlined in the syllabus.

THEATRE TECHNICAL DESIGN                                      LAN216
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Advanced Theatre and Teacher
Permission
Graduation Requirement: Fine Arts, Elective
This course is a practical, activity based class designed to teach
students the basics of the technical aspects of the world of
theatre. The course will include practical instruction in costume
design, stage makeup, props design, set design and
construction, lighting design, and sound engineering. Students
will learn how to create a design aesthetic which will include a
costume plot, face schematics, set rendering/model, and a
lighting and sound plot. They will also learn general stage
construction and care of equipment.
PHYSICAL EDUCATION

Note: Students must wear appropriate clothing for the activity, i.e., t-shirt, shorts, sweats, socks, and athletic shoes with good support. All courses require physical fitness assessments. With the exception of 9th Grade PE - Personal Fitness, all PE classes can be repeated. Any student wanting to take two PE classes in the same trimester must get PE Department approval.

9TH GRADE PE - PERSONAL FITNESS PED900
Grades: 9
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: 9th Grade PE
This class is designed as the foundation for all physical education curriculums. Students will develop and participate in a personal fitness program. Students will study both health and skill related fitness components and participate in a wide variety of activities. This course includes the CBA and water safety units.

FIELD AND COURT PED185/PED186/PED187
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness
Graduation Requirement: PE, Elective
Students will be involved in a wide range of activities and games. This course will help develop basic skills, provide opportunities to improve fitness and emphasize cooperative team play. Some of the activities will be outdoors. Activities may include flag football, volleyball, orienteering, badminton, pickleball, korfball, eclipse ball, Frisbee, soccer and other organized games.

AQUATICS ON-SITE LEARNING PED171/PED172/PED173
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness and pass a Kelso School District Background check
Graduation Requirement: PE, Elective
This course gives practical experience to students who are training for recreation leadership by providing actual supervised work at our aquatic facility. Students assume the leadership duties and responsibilities for a swim instructor aid. Students will keep a timecard, attend in-service trainings, write lesson plans and conduct their own small group classes.

LIFEGUARD CLASS (4TH PERIOD, 3RD TRI ONLY) PED 174
Grades: 9-12
Length: Trimester
Credit: .50 Credits
Prerequisite: 9th Grade PE - Personal Fitness, pass a Kelso School District Background check, and swim 300 yards
Graduation Requirement: PE, Elective
This course is designed to train students to become Red Cross certified Lifeguards. Students will learn Red Cross materials and lifesaving skills in the aquatic fields.

WEIGHT LIFTING PED150/PED151/PED152
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness
Graduation Requirement: PE, Elective
This class is designed for the student wanting to develop strong, lean muscles and improve personal fitness. Students will learn several lifts for all major muscle groups as well as proper techniques. Students will work out using the principles of training to improve fitness levels. Activities may include circuit weight training, cardio workouts, recording and evaluating personal fitness data. Students will design and develop a personal fitness program and learn proper technique for lifting and spotting.

STRENGTH TRAINING PED191/PED192/PED193
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness
Graduation Requirement: PE, Elective
This class is designed for the student wanting to develop power, strength and speed that would enhance competitive performances. Students will learn several Olympic and powerlifts, proper technique and spotting. Activities may include Olympic lifts, power lifts, and cardio workouts. Students will design and develop a personal fitness program and learn proper technique for lifting and spotting.

ZERO HOUR CONDITIONING (6:45am) PED160/PED161/PED162
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness
Graduation Requirement: PE, Elective
Course content will be a combination of beginning and advanced strength training offerings. This class will build on concepts of both muscular and cardiovascular endurance and strength improvement. Students will gain knowledge of human anatomy and physiology. Stretching, flexibility, running and agility will be a part of the daily program.

TOTAL BODY FITNESS PED154/PED155/PED156
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness
Graduation Requirement: PE, Elective
This course is designed to be a safe environment to try new things in order to find activities to apply to your daily routine. While participating, students will learn workout techniques, safety and various principles of training. Activities include: circuit training, Yoga, exercise videos, Zumba, cardio workouts, goal setting and evaluation of personal fitness.
PHYSICAL EDUCATION

Note: Students must wear appropriate clothing for the activity, i.e., t-shirt, shorts, sweats, socks, and athletic shoes with good support. All courses require physical fitness assessments. With the exception of 9th Grade PE - Personal Fitness, all PE classes can be repeated. Any student wanting to take two PE classes in the same trimester must get PE Department approval.

BODY WISE  HFL127/HFL129
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: PE, CTE, Elective
Students will split time learning about nutrition in the classroom and performing physical activities on fitness days. In the classroom, discover exactly how food affects your body and your life, how many calories you burn and eat, and how to make changes that will benefit your health. On fitness days, get out in the fresh air (weather permitting) or utilize the gym to perform low to medium impact fitness activities. You will need gym attire for fitness days.

FITNESS WALKING  PED158/PED159
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE- Personal Fitness and Teacher Permission
Graduation Requirement: PE, Elective
This course is designed for students just starting a fitness program or for those who want to stay on a low intensity program. The primary activity will be aerobic walking. Students will walk various courses outside whenever possible. Appropriate attire is required for both indoor and outdoor activities. This course requires participation on and off campus and all Kelso High School policies will be enforced.

YOGA 1-2  PED194/PED195/PED196
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: 9th Grade PE - Personal Fitness
Graduation Requirement: PE, Elective
Cost: Personal yoga mat preferred; few available to borrow.
This course is designed to introduce students to the basic postures, skills, techniques, workouts and relaxation methods in various forms of yoga. This class will allow the student to achieve and maintain a health-enhancing level of fitness. Yoga 1-2 can be repeated and will continue to focus on beginning and intermediate yoga poses and concepts.

YOGA 2-3  PED197/PED198/PED199
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: Yoga 1-2
Graduation Requirement: PE, Elective
Cost: Personal yoga mat preferred; few available to borrow.
This course is designed to allow the students who have already taken Yoga 1-2 to explore more topics of yoga. This class will build on beginning/intermediate poses and concepts but develop the advanced poses and concepts as well. This class will allow the students do gain a deeper understanding at a higher level. Students will demonstrate leadership in yoga flows and peer teaching concepts.

S.O.L.E (STUDENT ONLINE EDUCATION)  PED101/PED102/PED103
Grades: 11 - 12
Length: Trimester
Credit: .50 (Pass/Fail Only)
Prerequisite: 9th Grade PE- Personal Fitness or Teacher Permission
Graduation Requirement: PE, Elective
This course is intended for the academically driven student that may not have room in their daily schedule for a traditional P.E. course. THIS IS NOT CREDIT RECOVERY. Students will be involved in pre and post fitness testing, creating an individual workout program using the FITT Principles, recording their progress towards individual goals, and meeting regularly with class instructor both in person and through email. Students must contact course instructor within one week of course starting. See counseling center for teacher contact information. Students must meet with instructor a minimum of once a week and have personal email.

COMPETITIVE GAMES  PED188/PED189/PED190
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: Teacher Permission
Graduation Requirement: PE, Elective
This course is designed for the student who would like to participate in individual, partner, and team games in a more competitive environment as compared to our Field and Court class. Students will develop the basic knowledge and strategies to play a wide variety of games. Students need to be self-directed, good decision makers, and take responsibility for their actions.
### INTEGRATED EARTH/SPACE

**Grades:** 9  
**Length:** Trimester  
**Credit:** .50  
**Prerequisite:** None  
**Graduation Requirement:** Science  
This course focuses on the topic areas of Earth/Space Science, which includes Earth History, Earth Systems, and Space Systems. Class standards will follow NGSS and is a required course for graduation.

### INTEGRATED PHYSICS

**Grades:** 9  
**Length:** Trimester  
**Credit:** .50  
**Prerequisite:** None  
**Graduation Requirement:** Science  
Integrated Physics is a course that will focus on the topic areas of Forces, Energy, Waves and other relevant Physics concepts. Class standards will follow NGSS and is a required course for graduation.

### BIOLOGY I, II

**Grades:** 9 -10  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** None  
**Graduation Requirement:** Science, Elective  
**Biology I:** Students will understand and explain cell processes. Students will investigate how these processes contribute to the cycling of matter and flow of energy in ecosystems. Students will also evaluate how humans can make a positive impact on biodiversity.  
**Biology II:** Students will understand the role of DNA and proteins essential to the function of organisms. Students will also evaluate how populations can change over time.  
*Classes do not have to be taken in order.*

### BIOLOGY ALS

**Grades:** 9 – 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Placement by Teacher  
**Graduation Requirement:** Science, Elective  
This class will provide modified instruction in English of standards-based Biology content. Students will be engaged in a constant, concerted effort to develop inquiry-based science skills while developing academic language. Biology is a required academic course, and this sheltered version will make content comprehensible using modified language and research-based strategies.

### ZOOLOGY

**Grades:** 10 - 12  
**Length:** Trimester  
**Prerequisite:** Biology I and II or Biomedical Science  
**Graduation Requirement:** Science, Elective  
**Cost:** $10.00 Materials Fee  
This course includes selected topics in animal biology such as taxonomy, anatomy, physiology, interrelationships, genetics, and ecology. Laboratory research skills such as dissection and advanced microscopic techniques are developed.

### BIOMEDICAL SCIENCE

**Grades:** 9 - 12  
**Length:** 2 Trimesters  
**Credit:** .50 per Trimester  
**Prerequisite:** Integrated Earth/Space and Integrated Physicals of Middle School Equivalent  
**Graduation Requirement:** Science, CTE, Elective  
**Cost:** $10.00 Materials Fee  
9th & 10th graders who are interested in the medical field can take this fast paced, self-directed, rigorous course instead of Biology. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Students will determine the factors that led to the death of a fictional woman, sequentially piecing together evidence found in her medical history and autopsy report, and investigating lifestyle choices and medical treatments that might have prolonged her life. The activities and projects introduce students to human physiology, basic ecology, medicine, and research processes that allow students to design experiments to solve problems. This course is aligned with the Next Generation Science Standards.

### ANATOMY & PHYSIOLOGY

**Grades:** 10 - 12  
**Length:** 2 Trimesters  
**Credit:**.50 per Trimester  
**Prerequisite:** Biology or Biomedical Science  
**Graduation Requirement:** Science, CTE, Elective  
**Cost:** $10.00 Materials Fee  
This class offered equivalent credits from Lower Columbia Community College for Survey of Human Anatomy & Physiology. Students will examine the interactions of human body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal model, work through interesting real-world cases and often play the role of biomedical professionals to solve medical mysteries.
MEDICAL INTERVENTIONS  
**SCI215/SCI216**

- **Grades:** 10 – 12  
- **Length:** 2 Trimesters  
- **Credit:** .50 per Trimester  
- **Prerequisite:** *Biomedical Science or Anatomy & Physiology*  
- **Graduation Requirement:** Science, CTE, Elective  
- **Cost:** $10.00 Materials Fee  

In this advanced course, students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, diagnostics, suturing, prosthetic limbs, and laparoscopic techniques.

AP BIOLOGY  
**SCI250/SCI251/SCI252**

- **Grades:** 10 - 12  
- **Offered every other year:** 2020-2021  
- **Length:** Full Year  
- **Credit:** .50 per Trimester  
- **Prerequisite:** “B” or better in Biology I, II and Chemistry I  
- **Graduation Requirement:** Science, Elective  
- **Cost:** $10.00 Materials Fee & AP Exam Fee - To Be Determined  

This course is a rigorous program designed to be the equivalent of an introductory biology course in college. Students will deepen their knowledge, learn and refine scientific practices, and gain an appreciation for the complexity of life. The curriculum is aligned with the framework defined by the College Board and AP exam scores may lead to college credit.

CHEMISTRY I  
**SCI221**

- **Grades:** 9 - 12  
- **Length:** Trimester  
- **Credit:** .50  
- **Prerequisite:** Algebra I  
- **Graduation Requirement:** Science, Elective  

This course is an introductory chemistry course designed to include all of the NGSS chemistry based standards. Investigations will be linked to the student’s prior knowledge of concepts and processes. Students will use the scientific method in laboratory experiences on these topics: atomic structure, bonding, periodic table, stoichiometry, thermodynamics, and kinetics.

CHEMISTRY II  
**SCI222**

- **Grades:** 10 - 12  
- **Length:** Trimester  
- **Credit:** .50  
- **Prerequisite:** Chemistry I and Algebra I  
- **Graduation Requirement:** Science, Elective  
- **Cost:** $10.00 Materials Fee  

This course expands on the topics learned in Chemistry I. It completes the year of chemistry and is designed to prepare college-bound students who are interested in the sciences. Laboratory experiences include the following: solutions, reactions, gas laws, stoichiometry, and acids and bases.

UW CHEMISTRY 110  
**SCI225/SCI226**

- **Grades:** 10 - 12  
- **Length:** 2 Trimesters  
- **Credit:** .50 per Trimester (KHS) & 3.0-5.0 (University of Washington College Credits)  
- **Prerequisite:** “C” or better in Algebra I  
- **Graduation Requirement:** Science  
- **Cost:** $35.00 for the UW ALEKS Learning System  

10th, 11th, and 12th graders can take this rigorous college course in lieu of Chemistry I. Chemistry 110 is an introduction to general chemistry with an emphasis on developing problem solving skills. Covers basic concepts of chemistry along with the mathematics required for quantitative problem solving. Covers all NGSS chemistry based standards.

AP CHEMISTRY  
**SCI300/SCI301/SCI302**

- **Grades:** 11 - 12  
- **Offered every other year:** 2021-2022  
- **Length:** Full Year  
- **Credit:** .50 per Trimester  
- **Prerequisite:** “B” or better in Chemistry I and II  
- **Graduation Requirement:** Science, Elective  
- **Cost:** $10.00 Materials Fee & AP Exam Fee - To Be Determined  

Chemical kinetics, equilibrium, electro -chemistry, qualitative and quantitative chemistry, and introduction to organic chemistry are introduced. To prepare for the AP exam in Chemistry, students will develop their knowledge, analytical skills, and their ability to write about scientific concepts. The curriculum is aligned with the framework defined by the College Board and AP exam scores may lead to college credit.

PHYSICS: MECHANICS  
**SCI311**

- **Grades:** 10 - 12  
- **Length:** Trimester  
- **Credit:** .50  
- **Prerequisite:** Geometry  
- **Graduation Requirement:** Science, Elective  
- **Cost:** $10.00 Materials Fee  

Physics is a science which explores the fundamental principles that govern the behavior of the physical universe. It is designed to prepare college-bound students who are interested in the sciences. Topics will include motion, forces, and energy.

PHYSICS: ELECTRICITY AND MAGNETISM  
**SCI312**

- **Grades:** 10 - 12  
- **Length:** Trimester  
- **Credit:** .50  
- **Prerequisite:** Geometry  
- **Graduation Requirement:** Science, Elective  
- **Cost:** $10.00 Materials Fee  

Physics is a science which explores the fundamental principles that govern the behavior of the physical universe. It is designed to prepare college-bound students who are interested in the sciences. Topics will include electricity/magnetism.
PHYSICS: LIGHT AND OPTICS

Grades: 10 – 12
Length: Trimester
Credit: .50
Prerequisite: Geometry
Graduation Requirement: Science, Elective
Physical principles are used to develop a firm fundamental understanding of optics and imaging. Main topics include light as an electromagnetic wave (interference, polarization, diffraction) and light as a particle (photoelectric effect, reflection and mirrors, refraction and lenses). Course will also include the application of lenses and mirrors in optical devices (telescopes, microscopes).

GEOLOGY

Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisite: Integrated Earth/Space
Graduation Requirement: Science, Elective
Cost: $10.00 Materials Fee
Geology is an elective science course that will focus on the Geologic Landforms and how people interact with them, human impacts on the environment, and minerals, rocks, and soil.

ASTRONOMY

Grades: 11 -12
Length: Trimester
Credit: .50
Prerequisite: Integrated Earth/Space
Graduation Requirement: Science, Elective
Cost: $10.00 Materials Fee
Astronomy is an elective science course that will focus on the Earth-moon system, the Solar System, the Life Cycle of Stars, Cosmology (the origin and structure of the universe), and the tools that astronomers use to study our universe.
SERVICE EDUCATION

STUDENT OFFICE ASSISTANT
AAA001/AAA002/AAA003
Main Office, Counseling, Attendance, Health Room, ISS, Career Center
Grades: 10 - 12
Length: Trimester
Credit: .50 (Pass/Fail Only)
Graduation Requirement: CTE, Elective
Students are selected on the basis of citizenship, attendance, interest and desire to assume responsibility. The purpose is to acquaint students with the tasks of running a total school program and to open the door for possible future occupational training. The student must successfully complete the Office Procedures Portfolio. Students can only sign up for one period per trimester and a total of two per year.

PEER TUTOR
AAA001/AAA002/AAA003
Grades: 10 - 12
Length: Trimester
Credit: .50 (Pass/Fail Only)
Graduation Requirement: Elective
Peer tutors provide in-class instructional assistance to students. Duties may include learning strategies for academic success, issues related to inclusion of individuals with disabilities and behavior management techniques, and facilitating one-on-one and small group instruction.

OPEN ELECTIVE

AVID (Advancement Via Individual Determination)
AVID09/AVID10/AVID11/AVID12
Grades: 9 – 12
Length: Full Year
Credit: .50 per Trimester
Prerequisite: Application Process Required
Graduation Requirement: Elective
AVID is a college prep program designed to increase the number of high school graduates who enter four-year colleges and universities. AVID is designed for students in the academic middle. Students eligible to participate in AVID have demonstrated appropriate classroom behavior, a consistent attendance record, and quality work habits. Potential AVID students and their parents must participate in a mandatory interview before entry into the program. Students are required to complete homework each night as assigned by their teachers, and commit to enrolling in a rigorous college preparatory sequence of classes, including at least one AP/Honors class. The AVID class will teach note taking, organization, writing, and study skills. AVID activities include support through a tutorial process, receiving writing support for all classes, developing success strategies, receiving college application counseling, preparing for a professional career, visiting college campuses, interacting with guest speakers, and financial aid and scholarship counseling.

DIVERSITY AWARENESS
DIV100
Grades: 10 – 12
Length: Trimester
Credit: .50
Graduation Requirement: Elective
This is a course designed to increase both student and community awareness and understanding of our diverse local, national, and global societies through study and community projects. Each student, through a process of learning, individual growth, and participating in community projects, will prepare him/herself to be successful citizen in diverse world.
# SOCIAL STUDIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grades</th>
<th>Length</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Graduation Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODERN WORLD HISTORY/GEOGRAPHY</td>
<td>SOC110/SOC111</td>
<td>10</td>
<td>2 Trimesters</td>
<td>.50 per Trimester</td>
<td>None</td>
<td>Social Studies</td>
<td>Students will look at major themes in history in a chronological fashion. Focusing on the past 1,000 years, students will analyze and interpret historical data to discover causes, effects and patterns of development. In addition, they will look at how history changes over time and how we can better understand current global processes by looking through various historical lenses.</td>
</tr>
<tr>
<td>AP WORLD HISTORY</td>
<td>SOC150/SOC151/SOC152</td>
<td>10</td>
<td>Full Year</td>
<td>.50 per Trimester</td>
<td>Teacher Permission</td>
<td>Social Studies, Elective</td>
<td>This course is designed for students to develop a greater understanding of global processes and the values of human societies around the world. Students will study causes of change and how ideas/events have impacted the course of history with an emphasis on the past 1,000 years. Students will learn to interpret various types of source material in order to build an understanding of world history by actually doing the work of a historian. Students should expect to collaborate and interact with others as they research, write, and discuss the way that the past has shaped present societies. The curriculum is aligned with the College Board’s national AP World: Modern framework and AP exam scores may lead to college credit.</td>
</tr>
<tr>
<td>U.S. HISTORY</td>
<td>SOC101/SOC102</td>
<td>11</td>
<td>2 Trimesters</td>
<td>.50 per Trimester</td>
<td>None</td>
<td>Social Studies</td>
<td>Students will study the development and organization of the United States Government. Included will be units on the Constitution, the powers and function of the three branches of government, and the role of political parties will be discussed. Students will investigate and research problems within the United States as well as those with other nations. Students must complete 20 hours of community service to earn a passing grade in this class.</td>
</tr>
<tr>
<td>AP UNITED STATES HISTORY</td>
<td>SOC249/SOC250/SOC251</td>
<td>11</td>
<td>Full Year</td>
<td>.50 per Trimester</td>
<td>Teacher Permission</td>
<td>Social Studies, Elective</td>
<td>Students in AP Government will demonstrate that they understand the purposes, organization and function of our systems of government, and will be able to compare our system with other systems in the world. They will explore our relationship to other countries via our foreign policy. Additionally students will evaluate how well our system balances our desire to preserve individual rights with our mandate to promote the common good. The curriculum is aligned with the framework defined by the College Board and AP exam scores may lead to college credit. Students must complete 20 hours of community service to earn a passing grade in this class.</td>
</tr>
<tr>
<td>CIVIL RIGHTS THROUGH FILM</td>
<td>SOC332</td>
<td>11 - 12</td>
<td>Trimester</td>
<td>.50</td>
<td>None</td>
<td>Social Studies, Elective</td>
<td>Students will focus on the institution of discrimination and the struggle of civil rights through a historical lens in modern U.S. History beginning with Reconstruction. Through selected works of fiction, nonfiction, and film students will explore race, gender, sexuality, and class-based ideologies of mass protest to instigate change as well as landmark Supreme Court cases and key civil rights legislation.</td>
</tr>
</tbody>
</table>
CRIMINAL JUSTICE
SOC320

Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisite: None

Graduation Requirement: Social Studies, Elective
Students will study the Criminal Justice system, including a review of the investigation phase, proceedings before trial, the trial, and finally sentencing and corrections. Students will also be introduced to crimes against the person, crime against property, and types of defenses. In addition, students will participate in Mock Trials.

PSYCHOLOGY
SOC330

Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisite: None

Graduation Requirement: Social Studies, Elective
Students will be introduced to a balanced overview of the basic concepts and facts of the discipline of psychology, which studies behavior and mental processes of human beings and other animals. Students will develop an awareness of the application of psychology in society and in their own lives.

WAR THROUGH FILM & LITERATURE:
SOC338

ANCIENT WARFARE TO THE VIETNAM ERA
Grades: 11 – 12
Length: Trimester
Credit: .50
Prerequisite: None

Graduation Requirement: Social Studies, Elective
This course is a split between military history, literature, and film. Starting with Sparta and the Hero’s Journey, we then move on to the World Wars while examining archetypes and common symbols in film and literature. We also cover the “just war” theory, and analyze ways in which war films are political. When beginning Vietnam, students examine how insurgency has impacted modern warfare, student common reasons for enlisting, and learn how to identify literary devices in non-fiction.

WAR THROUGH FILM & LITERATURE:
SOC339

MODERN WARFARE
Grades: 11-12
Length: Trimester
Credit: .50
Prerequisite: None

Graduation Requirement: Social Studies, Elective
This course is a split between military history, literature, and film. The course is broken down into units based on military branch: the Army, Navy, and Marine Corps. Students will analyze post-Vietnam conflicts, especially 9/11 and the War on Terror, as well as “key players” such as Osama Bin Laden and Saddam Hussein. We will also examine conflicts involving foreign nations such as Israel and Denmark. We will examine contemporary issues, such as PTSD and child soldiers in Africa.

SOCIOCOLOGY
SOC340

Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisite: None

Graduation Requirement: Social Studies, Elective
Students will be introduced to the study of society. Where Psychology focuses on the individual, Sociology studies group interactions and impacts. We will explore social interactions, organizations, institutions, and change through the themes of culture, poverty, migration, slavery, and social movements. This course uses the National Standards for Sociology to focus course lessons and outcomes.
CONSUMER MATH I  MTHC1G/MTHC1H
Grades: 9 - 12  
Length: 2 Trimesters  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Math, Elective
This class is designed to facilitate student’s progress with basic math skills and problem solving related to real life experiences. The curriculum will focus on skills such as money and budgeting, time, measurement, and other life skills activities. This class may be repeated for credit.

CONSUMER MATH II  MTHC2G/MTHC2H
Grades: 9 - 12  
Length: 2 Trimesters  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Math, Elective
This class follows the Common Core State Standards. Focus is on the basic operations and related to real life problems. This class has both hands on activities as well as pencil and paper activities that prepare the student to move towards the next level of math class within the Special Education Department. Students are ready for Basic Math I upon completion of this course. This class may be repeated for credit.

CONSUMER MATH - PAIRED  MTCHCPJ/MTCHCPK/MTCHCPL
Grades: 9 - 12  
Length: Full Year  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Math, Elective
Students will meet Math CCSS-CCEE standards per IEP. This class meets IEP goals and objectives in math, adaptive, social skills and/or community training. This class may be repeated for credit.

BASIC MATH I  MTHB1G/MTHB1H
Grades: 9 - 12  
Length: 2 Trimesters  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Math, Elective
This class is designed to facilitate the student’s progress in arithmetic with the primary focus on problem solving and basic computation. The curriculum follows the Common Core State Standards and gives students the pre-requisite skills to have success in the Basic Math II class. This class may be repeated for credit.

BASIC MATH II  MTHB2G/MTHB2H
Grades: 9 - 12  
Length: 2 Trimesters  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Math, Elective
This class is designed to help students progress in basic math skills to the Pre-Algebra readiness level. Students are expected to be proficient with the Middle School level Common Core State Standards that are presented in the curriculum. Students having success in this class will be moved into Math Foundations. This class may be repeated for credit.

REAL WORLD MATH  MTRWA/MTRWB
Grades: 11 - 12  
Length: 2 Trimesters  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan, Transition Plan  
Graduation Requirement: Math, Elective
This class is designed to facilitate student progress with math skills focused on multi-step problem solving in the areas of basic economics, career readiness, and independent living. This class may be repeated for credit.

MATH FOUNDATIONS  MTHFNG/MTHFNH
Grades: 9 - 12  
Length: 2 Trimesters  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Math, Elective
This class focuses on Common Core State Standard aligned curriculum at the Pre-Algebra level. Students focus on skill development in the area of problem solving and algebraic reasoning to prepare them for success in the General Education Algebra I class. This class may be repeated for credit.

LIFE SKILLS LANGUAGE ARTS – PAIRED  ELAPRJ/ELAPRK/ELAPRL
Grades: 9 - 12  
Length: Full Year  
Credit: .50 per Trimester  
Prerequisite: Individual Education Plan  
Graduation Requirement: Language Arts, Elective
Students follow Language Arts CCSS-CCEE standards per IEP and meets IEP goals and objectives in reading, written language, adaptive, social skills and or community training. This class may be repeated for credit.
LITERACY SKILLS I ELTO1G/ELTO1H
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Elective
Students in this class increase skills following the Common Core State Standard and move towards readiness for the Literacy Skills II class. This class may be repeated for credit.

LITERACY SKILLS II ELTO2G/ELTO2H
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Elective
Students in this class focus on increasing skills following the Common Core State Standards and move towards readiness for the Literacy Skills III class. Students complete a variety of reading, writing, speaking and listening and language activities that focus on academic skills and life readiness skills. This class may be repeated for credit.

LITERACY SKILLS III ELTO3G/ELTO3H
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Elective
This class is designed for those students that are only slightly below grade level in reading and written language. The curriculum follows the Common Core State Standards and prepares students with the readiness skills needed to have success in the General Education Language Arts classroom. This class may be repeated for credit.

SCIENCE 101 - BASIC SCIENCE SCI00G/SCI00H/SCI00I
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Science, Elective
This class follows the grade 4-5 science standards, modified to meet IEP needs to provide opportunity to develop the readiness skills to participate in General Education science classes. This class may be repeated for credit.

LEARNING MANAGEMENT LRM111/LRM112/LRM113
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, Elective
This class is designed to provide supports, strategies, accommodations and specialized instruction needed to facilitate student progress towards IEP goals. Focus is to have students work towards independence in completing KHS graduation requirements. This class may be repeated for credit.
COMMUNITY TRAINING CMT661/CMT662/CMT663
Grades: 9 - 12+
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, CTE, Elective
Emphasis is placed upon meeting the students learning objectives, which is driven by transition goals and future planning outcomes. Experiences related to community living, adaptive and employment skills is emphasized through activity and classroom based instruction. This class may be repeated for credit.

WORK READINESS SKILLS LRM125/LRM126/LRM127
Grades: 9 - 12+
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, CTE, Elective
This is a specially designed class with a focus on preparing students to obtain employment upon the completion of high school utilizing teacher selected materials, guest speakers, video clips and possible field trips to explore career options. Students showing readiness skills may have the opportunity to have a supervised, non-paid job experience. This class may be repeated for credit.

TRANSITION TO INDEPENDENT LIVING AND ADULTHOOD LRMINA/LRMINB/LRMINC
Grades: 12+
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, CTE, Elective
The course is designed to offer specialized instruction to students who have needs in adaptive, vocational readiness and/or social communication. This class will offer instruction in the skills needed to prepare students for post high school life that includes employment readiness, independent living, and self-determination skills. This class may be repeated for credit.

SOCIAL SKILLS LRM201/LRM202/LRM203
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, Elective
Students will understand and practice appropriate communication skills necessary to maintain success at school and in the community. Lessons and role play activities to communicate productively and, as a result, decrease conflict are part of the curriculum. Students will develop strategies to help in areas that are identified within their IEP goal area. This class may be repeated for credit.

SOCIAL DEVELOPMENT LRM101/LRM102/LRM103
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, Elective
This class is designed for students to meet student’s IEP goals. Curriculum is tailored towards each student’s IEP with the focus being the development of conflict resolution and effective communication skills. Prevention of conflict is reinforced through promotion of understanding of peers and adults. This course will have instruction in role playing as well as with written materials. This class may be repeated for credit.

ELA/MATH READINESS LRM916/LRM917/LRM918
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: Language Arts, Math, Elective
This class is developed for students that qualify for reading, written language and/or math services and need additional support. Students will continue to work towards IEP goals using teacher created materials and their general education classroom assignments. This class may be repeated for credit.

MODIFIED PE AND LEISURE SKILLS PED090
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Individual Education Plan
Graduation Requirement: PE, Elective
Students enrolled in this class work on the readiness skills needed to successfully complete general education PE classes by following high school PE standards, with modification and accommodations. IEP transition goals, including recreation and leisure skills will guide daily activities. This class may be repeated for credit.

STRUCTURED LEARNING CENTER PROGRAM SLCAPE/SLCELA/SLCMTH/SLCSOC/SLCWRK
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Individual Educational Program and IEP Team Placement
Graduation Requirement: Language Arts, Math, PE, CTE, Elective
The Structured Learning Center (SLC) is a program designed to support students who need inclusionary instruction for IEP determined needs. The SLC Program uses Common Core aligned courses that are offered in the Special Education Department for curriculum as well as credit recovery materials and teacher designed units of instruction. As students meet defined levels, they participate in general education classes. This class may be repeated for credit.
INTRODUCTION TO BEGINNING ART
Grade: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
This is an introductory course that is required before taking any other course in the visual art department with the exception of ceramics. The student will work with a variety of materials related to art areas such as drawing, painting, and the color theory. Basic art concepts such as the elements of art and the principles of design will be emphasized. This course is designed for any student who would like to begin art at the high school level. The main focus is drawing, composition, and color.

BEGINNING ART
Grade: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Introduction to Beginning Art
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
This course is designed for any student who has completed Introduction to Beginning Art and wishes to continue their artistic growth and skill sets. Earning a “B” or better (with teacher’s permission) qualifies students to move onto any intermediate or advanced course. Projects will explore a variety of mediums and techniques.

BEHIND THE ARTS
Grade: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Beginning Art and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
Students will create a variety of projects based on inspiration from famous artwork, artists, and genres from present and past. A sample of areas of focus could include subjects such as Egyptian Art, Modern Street Art, Impressionism, Picasso & Cubism, Art Nouveau, Surrealism, etc. Students will focus on both abstract and realistic subject matter. Students will reflect upon their own work, using the Elements and Principles of Design to guide their compositions and aesthetics.

ART DESIGN
Grade: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Beginning Art and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
Need an outlet for your creativity? Students will explore their own personal style through hands on projects using technology to create a unique vision board. Students will design a skateboard deck, following the process from research, development, to final design. Students will also design and print their own t-shirt. With a partner, students will research the birth and growth of famous, influential brands and designers and experience presenting to the class.

SPIRIT ART
Grade: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Beginning Art and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
Students will create signs, posters, cards, and other visual media promoting school and community. Projects will be focused on a variety of mediums for activities focused on community, school, class, holiday and seasonal themes, etc. One project includes creating large posters for the Veterans Day Assembly. Students will be using a variety of materials working both alone and in small groups. Students will reflect upon their own work, using the Elements and Principles of Design to guide their compositions and aesthetics. This class is for those who have some comfort in putting together a design idea and painting.

CERAMICS/SCULPTURE – PINCH METHOD
Grade: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
In this course, offered during 1st Trimester only, students will work with the pinch method modeling technique. Numerous projects will be created during the term utilizing the pinch method and additional techniques. Glazing applications follow construction. Students MAY also work with a variety of other materials to create 3-dimensional sculpture near the end of the term.
VISUAL ARTS

CERAMICS/SCULPTURE – SLAB CONSTRUCTION  ART210
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
In this course, offered during 2nd Trimester only, students will work with the **slab construction** method technique. Numerous projects will be created during the term utilizing the slab method and additional techniques. Glazing applications follow construction. Students MAY also work with a variety of other materials to create 3-dimensional sculpture near the end of the term.

CERAMICS/SCULPTURE – COIL METHOD  ART211
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
In this course, offered during 3rd Trimester only, students will work with the **coil method** modeling technique. Numerous projects will be created during the term utilizing the coil method and additional techniques. Glazing applications follow construction. Students MAY also work with a variety of other materials to create 3-dimensional sculpture near the end of the term.

ADVANCED CERAMICS  ART212/ART213/ART214
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Ceramics/Sculpture I & II and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
This is an advanced course in which students will expand their skills with higher level work in hand built and wheel thrown ceramics, carving, and sculpting. Projects are different each trimester.

ADVANCED ART: DRAWING & PAINTING  ART201/ART202/ART203
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in Beginning Art and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
This is an advanced course in which the student will be able to develop skills in the areas of drawing, painting, and other art mediums. Units of study will change each trimester to include a variety of art materials and application including colored pencil, acrylic painting, watercolor, charcoal, ink, scratchboard, and creative design. Art instructors may advance a student after one trimester if a very high skill set is demonstrated throughout the term.

HONORS ART  ART300/ART301/ART302
Grades: 11 - 12
Length: Trimester
Credit: .50
Prerequisite: “B” or better in 2 Trimesters of Advanced Art and Teacher Permission
Graduation Requirement: Fine Arts, Elective
Cost: $15.00 Class Fee
This is the highest level art course offered and is reserved for juniors and seniors. Student must have excellent attendance, a record of meeting project deadlines, a cooperative attitude, and ability to take instruction and willingness to explore creativity. Projects are different each trimester.

FOUNDATIONS OF PHOTOGRAPHY  ART350
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: CTE, Fine Arts, Elective
Cost: $15.00 Class Fee
This is a one trimester course where students will learn the fundamentals of the photographic process as it relates to digital photography. Students will also be exposed to the history of photography and photographic artists. An emphasis will be placed on the connections between visual art and photographs. Students will develop a basic knowledge of Adobe Photoshop through photo editing and creative projects. Students will learn how to take quality photographs that will give them an introduction to exposure and composition.

FLORICULTURE: FLOWER FARMING & DESIGN  AGR110
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Must have passed Introduction to Beginning Art to receive Fine Arts credit
Graduation Requirement: CTE, Fine Arts, Elective
Students in this class will learn the basic skills and knowledge required to operate a floriculture business and the preparation of floral and foliage products. Floriculture design consists of a blend of art, science and business including: the Elements and Principles of Design, identification of floral materials and supplies, care and handling of materials, as well as floral sales and service. Skills may include: wrapped arrangements, vase design, corsages, boutonnieres, bouquets, Ikebana design, as well as color scheme design techniques, and designing arrangements for KHS.
WELDING: METAL ART  IND125/IND126/IND127
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: Welding 2; Must have passed Introduction to Beginning Art to receive Fine Arts credit
Graduation Requirement: CTE, Fine Arts, Elective
Cost: $15.00 Class Fee plus costs for student project materials
Students will gain experience and knowledge in applying welding skills in the construction of artistic design projects using welding, cutting, and fabrication of metals with Oxy Acetylene, SMAW, GMAW and plasma cam techniques. Students will develop creativity, communication skills, aesthetic awareness, art criticism techniques, and technological skills applicable to artistic design. Appropriate dress is required: long sleeve cotton shirt, full length cotton work pants, and leather boots. Students who do not have appropriate dress will not be allowed to weld due to safety regulations.
WORLD LANGUAGE

Note: Most four year college require two years of the same world language, and some recommend three years.

FRENCH CULTURE AND LANGUAGE                                     FLF100
Grades: 9 - 12
Length: Trimester
Credit: .50
Prerequisite: None
Graduation Requirement: Elective
This course serves as a general introduction to themes relevant to the study of French Culture from varied perspectives that cut across topics such as: Families and Communities; Homes, Cities, Transportation and the Environment; Education and School; Work, Rites of Life and Annual Events; Food, Shopping and Health; Pop Culture and Technology. Coursework provides students with opportunities to research, analyze, compare and discuss cultural topics in English and learn French words and phrases relevant to the topics.

FRENCH IA AND FRENCH IB                                     FLF101/FLF102
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: World Language, Elective
This course is designed to introduce students to French language and culture. French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of French-speaking people.

FRENCH IIA AND FRENCH IIB                                  FLF201/FLF202
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: “C” or better in French I
Graduation Requirement: World Language, Elective
French II courses build upon skills developed in French I, extending students’ ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

FRENCH IIIA AND FRENCH IIIB                                     FLF301/FLF302
Grades: 10 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: “C” or better in French II
Graduation Requirement: World Language, Elective
French III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations. Students will create projects and give oral presentations.

FRENCH IVA AND FRENCH IVB                                FLF401/FLF402
Grades: 11 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: “C” or better in French III
Graduation Requirement: World Language, Elective
The French IV course focuses on advancing students’ skills and abilities to read, write, speak, and understand the French language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

FRENCH VA AND FRENCH VB                                  FLF405/FLF406
Grades: 11 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: “C” or better in French IV
Graduation Requirement: World Language, Elective
Students will communicate effectively in order to function in a variety of situations and for multiple purposes. They will develop equally speaking and oral comprehension with an emphasis on pronunciation and articulation in situational topics. The activities will meet state standards for foreign language learning in the interpersonal, cultural competence, comparisons, interpretive and presentational areas.
### World Language

*Note: Most four-year colleges require two years of the same world language, and some recommend three years.*

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<thead>
<tr>
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<td>Japanese Culture and Language</td>
<td>FLJ100</td>
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This course serves as a general introduction to themes relevant to the study of Japanese Culture from varied perspectives that cut across topics such as: Families and Communities; Homes, Cities, Transportation and the Environment; Education and School; Work, Rites of Life and Annual Events; Food, Shopping and Health; Pop Culture and Technology. Coursework provides students with opportunities to research, analyze, compare and discuss cultural topics in English and learn Japanese words and phrases relevant to the topics.

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Designed to introduce students to Japanese language and culture, Japanese I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Japanese culture is introduced through the art, literature, customs, and history of Japanese-speaking people.

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Japanese II courses build upon skills developed in Japanese I, extending students' abilities to understand and express themselves in Japanese and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Japanese-speaking people to deepen their understanding of the culture(s).

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Japanese III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

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The Japanese IV course focuses on advancing students’ skills and abilities to read, write, speak, and understand the Japanese language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary. (This course may be offered as an independent study.)

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<td><strong>Grades:</strong> 11 - 12</td>
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<tr>
<td><strong>Length:</strong> 2 Trimesters</td>
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<tr>
<td><strong>Credit:</strong> .50 per Trimester (KHS) and 5.0 College Credits (University of Washington)</td>
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<tr>
<td><strong>Prerequisite:</strong> “B” average in Japanese IIA and IIB</td>
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<td><strong>Cost:</strong> All costs are paid for by the Kelso School District.</td>
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<tr>
<td><strong>First-Year Japanese (College level, to be taken as Japanese IIA &amp; B or IVA &amp; B to earn college credit)</strong></td>
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Through the UW in the High School (UWHS) Program, high school students can complete University of Washington courses and earn UW credit. Students and teachers use UW curriculum, activities, texts, tests, and grading scales. In this course, students will develop the four basic language skills (speaking, listening, reading, and writing) of modern Japanese. The purpose of the course is to build a solid foundation in Japanese grammar while developing communicative skills in Japanese. It will cover Lessons 9-12 of Genki 1, including both dialogue/grammar and reading/writing sections. It is expected that by the end of this course, students will have the basic conversation skills needed to: report things they’ve heard, state a reason, describe things and people using adjective phrases,
describe a plan, intention, or desire, make a comparison, describe symptoms of an illness, give opinions and advice, communicate predictions and assumptions. Students will write a composition for classroom presentation. They will also discuss each other’s writing. Other short compositions also may be assigned.

**JAPANESE VA AND JAPANESE VB**  FLJ405/FLJ406

**Grades: 11 - 12**

**Length: 2 Trimesters**

**Credit: .50 per Trimester**

**Prerequisite: Successful completion of Japanese IV or Teacher Permission**

**Graduation Requirement: World Language, Elective**

Students will communicate effectively in order to function in a variety of situations and for multiple purposes. Students will develop equally speaking and oral comprehension skills with an emphasis on situational topics and the activities will meet state standards for foreign language learning in interpersonal, cultural competence, comparisons, interpretive and presentational areas. We will continue to develop kanji knowledge and reading and writing skills. The activities in this area will meet state standards in the interpretive, presentational and cultural competence areas.

**SPANISH IIA AND IB**  FLS101/FLS102

**Grades: 9 - 11**

**Length: 2 Trimesters**

**Credit: .50 per Trimester**

**Prerequisite: None**

**Graduation Requirement: World Language, Elective**

Intended for non-native speakers of Spanish, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

**SPANISH IIIA AND SPANISH IIIB**  FLS301/FLS302

**Grades: 10 - 12**

**Length: 2 Trimesters**

**Credit: .50 per Trimester**

**Prerequisite: “C” or better in Spanish II or Teacher Permission**

**Graduation Requirement: World Language, Elective**

Intended for non-native speakers of Spanish, the Spanish III course focuses on having students express increasingly complex concepts, both verbally and in writing, while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

**SPANISH IVA AND SPANISH IVB**  FLS401/FLS402

**Grades: 11 - 12**

**Length: 2 Trimesters**

**Credit: .50 per Trimester**

**Prerequisite: “C” or better in Spanish III or Teacher Permission**

**Graduation Requirement: World Language, Elective**

Intended for non-native speakers of Spanish, the Spanish IV course focuses on advancing students’ skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary. Music, art, literature, radio broadcasts, etc., will serve as educational sources along with class textbook. Projects and oral presentations will be required.

**HERITAGE SPEAKERS/BILITERACY TEST PREP**  FLS103

**Grades: 9 - 12**

**Length: Trimester**

**Credit: .50**

**Prerequisite: Placement Test**

**Graduation Requirement: Elective**

**Cost: Stamp Test Fee – To Be Determined**

This course is designed for native and or fluent speakers who are orally proficient in the language. It is meant to provide comprehensive preparation for the taking of the State Seal of Biliteracy Test. Instruction will be provided via lecture, literature, and multimedia. Students will engage in critical discussion of course content both verbally or through written assignments. A passing score on the Seal of Biliteracy Test satisfies two years of World Language. Taking the Seal of Biliteracy Assessment is a required end of course assessment.
WORLD LANGUAGE

Note: Most four year college require two years of the same world language, and some recommend three years.

MEDICAL SPANISH/SPANISH FOR HEALTHCARE
PROFESSIONALS
FLS110
Grades: 10 - 12
Length: Trimester
Credit: .50
Prerequisite: Spanish I and II
Graduation Requirement: Elective
This course will instruct students in many aspects of Spanish utilized in healthcare settings. Students will be able to use Spanish when speaking of basic human anatomy, when conducting a triage assessment, when speaking of basic injuries and diseases, when giving basic health-related instructions and when giving aid to physicians and other health care workers.

AMERICAN SIGN LANGUAGE I
FAS101/FAS102
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: None
Graduation Requirement: World Language, Elective
The purpose of this course is to introduce students to American Sign Language, the 4th most used language in the United States. As such, ASL I meets Washington State Standards for World Language for the 21st century: Communication, Cultures, Connections, Comparisons among Languages/Cultures, and Communities in at least one language other than English. Student Learning Expectation(s): Students will, by the completion of ASL I, be able to have basic conversations in ASL incorporating the fundamentals of ASL grammar, vocabulary, fingerspelling, numbers, and culture. They will be able to demonstrate the ability to select, produce, and use appropriate sign choice for clear and accurate basic communication (needs, wants, opinions) along with the application of appropriate grammar and syntax (facial expression, body language, deixis, fulcrum, signing space). As cultural aspects of ASL are integrated throughout the course, students will have a basic understanding of Deaf culture, differences between Deaf and Hearing cultures, and insight into the experiences of being deaf when communicating in a hearing world.

AMERICAN SIGN LANGUAGE II
FAS201/FAS202
Grades: 9 - 12
Length: 2 Trimesters
Credit: .50 per Trimester
Prerequisite: American Sign Language I or Teacher Permission
Graduation Requirement: World Language, Elective
The purpose of this course is for students to continue to build upon skills learned in American Sign Language I, extending students' ability to understand and express themselves in ASL by increasing their vocabulary and learning more complicated sentence structures. ASL II meets Washington State Standards for World Language for the 21st century: Communication, Cultures, Connections, Comparisons among Languages/Cultures, and Communities in at least one language other than English. Student Learning Expectation(s): Students will, by the completion of ASL II, be able to have increasingly complex conversations in ASL incorporating the fundamentals of ASL grammar, vocabulary, fingerspelling, numbers, and culture. They will be able to demonstrate the ability to select, produce, and use appropriate sign choice for clear and accurate basic communication (needs, wants, opinions) along with the application of appropriate grammar and syntax (facial expression, body language, deixis, fulcrum, signing space). As cultural aspects of ASL are integrated throughout the course, students will have a basic understanding of Deaf culture, differences between Deaf and Hearing cultures, and insight into the experiences of being deaf when communicating in a hearing world.