# Bethel School District
## High School Course Catalog
### 2016-2017 School Year

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*Notice of Non-Discrimination/Title IX:* The Bethel School District complies with all federal and state rules and regulations and does not discriminate on the basis of race, color, national origin, gender, or disability. This holds true for all students who are interested in participating in educational programs and/or extracurricular activities. Inquiries regarding compliance and/or grievance procedures may be directed to the school district’s Title IX/RCW 28A.260 compliance officer in the Human Resources Department at 253.683.6000, the Section 504/ADA staff coordinator at 253.683.6000, or the Section 504//ADA student coordinator at 253.683.6020.

Their address is: 516 176th St. East, Spanaway, WA 98387.
Introduction
Graduation requirements, authorized courses, and course descriptions for this school year, together with information to help students make wise choices for their high school education and future, are contained in this catalog. This course catalog is a listing of every course that may be offered at the high school level. Each year, individual schools will provide a specific list of the courses available. We hope this guide will answer your questions as you decide the high school courses for registration. Teams from all schools have worked hard to provide the most important and up-to-date information for your use. Please contact the counseling office of the appropriate high school if there are questions.

The phone numbers of the counseling or main offices are as follows:

<table>
<thead>
<tr>
<th>Bethel HS</th>
<th>Challenger HS</th>
<th>Graham Kapowsin HS</th>
<th>Spanaway Lake HS</th>
</tr>
</thead>
</table>

High School Graduation Credit Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Requirements for the classes of 2017 and 2018</th>
<th>Credit Requirements for the classes of 2019 and beyond</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Science</td>
<td>2 (1 from a lab course)</td>
<td>3 (2 from a lab course)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Career &amp; Technical Ed.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Health/Physical Ed.</td>
<td>2.5 (0.5 Health, 1.5 Physical Ed, 0.5 choice)</td>
<td>2 (0.5 Health, 1.5 Physical Ed.)</td>
</tr>
<tr>
<td>Arts</td>
<td>1</td>
<td>2 (1 can be PPR^4)</td>
</tr>
<tr>
<td>World Languages</td>
<td></td>
<td>2 (both can be a PPR^4)</td>
</tr>
<tr>
<td>Careers</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>General Electives</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Culminating Project</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td><strong>TOTAL REQUIRED:</strong></td>
<td><strong>22.5</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

^1 Students repeating their senior year will need to view prior year catalog for specific requirements.

^2 With approval of the principal, or designee, students may develop an alternate math plan for their third credit.

^3 Any student who transfers from another state having already passed that state’s history, or students who enter from outside the state of Washington during the senior year, will not be required to complete Washington State History. A student may complete Washington State History in 7th or 8th grade to meet the requirement but will not receive the 0.5 high school credit. All students will complete a total of 3.0 credits of social studies.

^4 PPR = Personalized Pathway Requests are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student’s interests and High School and Beyond Plan, that may include Career and Technical Education, and are intended to provide a focus for a student’s learning. Students work with guidance counselors and complete at Personalized Pathway Request.
State of Washington College Admission Standards
College admission may require courses beyond those required for graduation from the Bethel School District. See your counselor and check individual college catalogs for specific requirements for colleges in which you are interested.

College Academic Distribution Requirements, or CADR’s, refer to college admissions criteria established by the Washington Higher Education Coordinating Board. The term differs from high school graduation requirements that are determined by the State Board of Education and local school districts.

Students who plan to attend a four-year college or university should be aware of both sets of requirements. Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution. Therefore, students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution.

Students should consult with their academic counselors to obtain complete information about minimum college admission standards and to be aware of which courses at their school meet the CADR guidelines. Listed below is an overview of the CADR’s. More information is available on the Bethel School District website.

<table>
<thead>
<tr>
<th>College Academic Distribution Requirements, or CADR’s</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>15 Credits (in subject areas below)</strong></td>
</tr>
<tr>
<td>Students must earn three (3) CADR credits from courses listed below per high school year (9th – 12th grade).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English – 4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must include 3 credits of college preparatory composition or literature.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics – 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum of Algebra 1, Geometry, and Advanced Algebra</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics – Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>During the senior year, students must earn a credit in a math-based quantitative course, e.g. statistics, applied math, or appropriate career and technical courses.</td>
</tr>
<tr>
<td>An algebra-based science course taken during the senior year also would satisfy this requirement and part of the science requirement below.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science – 2 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory science, including 1 credit of algebra-based science.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>World Languages – 2 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of a same world language, Native American Language, or American Sign Language.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Science – 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>History or other social science</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Arts – 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of a fine, visual, or performing arts or 1 additional credit in other CADR subject areas</td>
</tr>
</tbody>
</table>
## State Testing Requirements

<table>
<thead>
<tr>
<th>Class</th>
<th>Subject</th>
<th>Students must pass . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of 2017 &amp; 2018</td>
<td>ELA</td>
<td>Smarter Balanced ELA (grad cuts)</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>EOC Algebra or EOC Geometry</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>EOC Biology</td>
</tr>
<tr>
<td>Class of 2019 &amp; 2020</td>
<td>ELA</td>
<td>Smarter Balanced ELA (career/college readiness cuts)</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Smarter Balanced Math (career/college readiness cuts)</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>New State Science test</td>
</tr>
</tbody>
</table>

### Alternatives Testing Options

These alternatives are available to students who have already taken, but not passed, the accountability tests listed above.

<table>
<thead>
<tr>
<th>Alternative</th>
<th>Description</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collection of Evidence (COE)</td>
<td>The COE is an evaluation of a set of work samples prepared by the student in a classroom environment with instructional support from a teacher and course.</td>
<td>Students must attempt accountability test once.</td>
</tr>
<tr>
<td>College Entrance Exams (SAT/ACT/AP)</td>
<td>Students may use their math, science, reading and/or writing scores on the SAT reasoning test, ACT or ACT Plus Writing tests, specified Advanced Placement (AP), to show they have key skills expected of high school graduates. They may also use scores from specified AP or IB exams to meet the science graduation assessment requirement, which starts with the Class of 2017.</td>
<td>Students must attempt an accountability assessment at least once.</td>
</tr>
<tr>
<td>Grade Comparison</td>
<td>A student’s grades in courses corresponding to specific content areas are compared with the grades of students who took the same courses and passed the exit exam or accountability assessment.</td>
<td>Available to students in their 12th grade year with an overall GPA of 3.2. Students must have taken accountability assessment.</td>
</tr>
</tbody>
</table>

### Out-of-State Transfer Student Waivers

- Students that enter Washington State in their 11th or 12th grade year having passed Washington-approved tests from other states in Reading/Writing (or ELA), math and/or science may get a waiver from passing corresponding Washington state tests.
- Students that enter Washington state in their 11th or 12th grade year may directly access CAA-Alternatives without having taken a Washington State test first.
IEP / Special Education Alternatives

All special education alternatives are determined through the IEP process. These alternatives are used for meeting graduation requirements. Not all of these alternatives can be used to meet state/federal accountability.

<table>
<thead>
<tr>
<th>Special Education Alternative</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASIC: (SBA, EOC, or COE)</td>
<td>A determination by a student’s IEP team to establish a passing score at the CIA Cut Score, established within the Level 2, or Basic, score range on the state’s annual assessment. The CIA Cut Score cannot be used for state and federal accountability; but, can be used to fulfill state assessment graduation requirements for earning a CIA.</td>
</tr>
<tr>
<td>Off-Grade Level</td>
<td>Students receiving special education services may take an assessment specific to a particular content area (Mathematics, English Language Arts, Science) at a grade level different then currently enrolled. The student must meet the established cut score for proficiency (level 3) for the grade level accessed. * Use of the off-grade WA-AIM is intended for the students who meet the participation criteria for the Alternate Assessment.</td>
</tr>
<tr>
<td>Locally Determined Assessment (LDA)</td>
<td>A series of state-prescribed assessments available in the content areas of reading, writing, mathematics and science that can be selected and administered at the local school. The LDA is accessible by 12th grade students only for purpose of meeting state graduation requirements. Meeting standard is scoring at or above the established minimum grade equivalency (G.E.) for the prescribed test or the established passing score.</td>
</tr>
<tr>
<td>WA-AIM</td>
<td>The Washington Access to Instruction &amp; Measurement (WA-AIM) is an alternate assessment based on alternate achievement standards aligned to the Common Core State Standards for students with significant cognitive challenges. The WA-AIM will measure student knowledge and skills through the use of twice annual administered performance tasks.</td>
</tr>
</tbody>
</table>

Additional Resources for State Testing Graduation Requirements

For more detailed and up-to-date information, use the following resources:

- Testing Requirements:  www.k12.wa.us/Resources/default.aspx
- Washington Comprehensive Assessment Program:  Family Resources  http://wa.portal.airast.org/students-and-families/
**Fast Start - 7th and 8th Grade**
The intent of this legislation passed in April 1990 was to provide an opportunity for talented or advanced students who take high school courses in 7th or 8th grade to receive high school credit. Students who take courses where high school credit is given must have their parents request these Fast Start credits be added to their transcript. See your school counselor for information. In addition to high school credit, the student’s grade will be computed into their high school grade point average. *Once a grade is posted to the transcript it cannot be removed.*

Waiver/Alternatives for Course and Program Requirements
Health & Fitness Alternative & Waiver - Students may request to receive proficiency credit for Health and Fitness requirements for physical activity monitored by a certified trainer or coach, or you may request that part or this entire requirement be waived for medical or religious reasons. See your counselor for forms. (This does not reduce the number of credits required for graduation.)

Other Course Waivers - A student or parent(s) may submit to the principal a request to waive non-statutory or local course requirements. The principal may waive requirements when it is in the best interest of the student. When a course requirement is waived, it will be recorded on the student’s permanent record.

Credit for Courses Taken Outside the High School Setting - Under certain conditions, credit towards high school graduation may be granted by the high school principal for courses from other approved schools or institutions. Prior approval must be obtained from the principal or the principal’s designee.

**Running Start**
Running Start is a statewide program that allows eligible high school juniors and seniors to enroll in tuition-free courses at local colleges and earn both high school and college credit. Students may enroll part-time or full-time at the college. In order to be eligible, you must take the Asset/Compass Test at your community college. Your scores will be used to determine eligibility and class placement.

Students may take up to 15 free credits each quarter. Costs for books, fees, supplies, and transportation are the responsibility of the student. The Running Start program is not available in the summer. However, students who are eligible for the program may register for summer classes at their own expense.

High school graduation requirements are established by the Bethel School District. Students must consult with their high school counselors to identify how college courses will apply toward graduation.

One five-credit course in college earns one full high school credit.

Running Start credits are transferable to all Washington State public colleges and universities. Students and their parents are encouraged to contact in-state institutions as well as out-of-state colleges for their transfer policies regarding Running Start credits. The type of credits earned will be determined by the college or university.

Eligibility Requirements
- Must be under the age of twenty-one years of age as of September 1 of the school year.
- Must be of junior or senior status as determined by the Bethel School District.
- Must not have earned the required credits for graduation as determined by the Bethel School District prior to the beginning of the school year.
- Must not possess a high school diploma.
- Must meet enrollment timelines of chosen institution.
**College In High School**

College in High School enable students to be concurrently enrolled in high school and college to earn high school and college credit in the same course offered on the high school campus. High school students enrolled in College in the High School are officially enrolled in the college or university and must meet college specific course requirements and pre-requisites. Bethel School District currently offers some College in the High School Courses in partnership with the University of Washington.

**Earn College Credit**

**Dual Credit:** Students in the Bethel School District have the opportunity to earn college credit while in high school. By successfully completing any of the following courses with a “B” or better, students may earn college credit. Please ask your counselor or the instructor of these courses for more details or go to pc3connect.org.

<table>
<thead>
<tr>
<th>Arts &amp; Communications</th>
<th>Business, Marketing &amp; Information Technology</th>
<th>Health &amp; Human Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphic Design</td>
<td>Accounting 1</td>
<td>Culinary Arts 1, 2</td>
</tr>
<tr>
<td>Digital Photography 1</td>
<td>Accounting 2</td>
<td>Culinary Essentials 1, 2</td>
</tr>
<tr>
<td>Digital Photography 2</td>
<td>Intro to Business and Marketing</td>
<td>Intro to Medical Careers 2</td>
</tr>
<tr>
<td>Video Productions 1</td>
<td>Microsoft Applications 1, 2</td>
<td>Child Development/Parenting 1, 2</td>
</tr>
<tr>
<td>Video Productions 2</td>
<td></td>
<td>Nutrition and Fitness</td>
</tr>
<tr>
<td>Media Design and Production</td>
<td>Web Design</td>
<td>Applied Anatomy &amp; Physiology</td>
</tr>
<tr>
<td></td>
<td>Entrepreneurship/Retail Store Operations</td>
<td>Sports Med 1, 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Careers in Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>American Sign Language 1, 2, 3</td>
</tr>
</tbody>
</table>

**Science, Technology, Engineering, and Math**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Sports 1, 2, 3</td>
<td></td>
<td>Conservation/Wildlife Biology 2</td>
</tr>
<tr>
<td>Private Ground School</td>
<td>Woodworking</td>
<td>Composites/Manufacturing 1, 2</td>
</tr>
</tbody>
</table>

**Career Centers**

Students should establish a career goal early in their high school experience and plan coursework that relates to their future goals. Students who need assistance with determining a career direction may visit the career specialist in their building. Students who want a complete career guidance program may:

- Take a computerized career interest assessment that will help them focus on specific career areas;
- Analyze interests, abilities, and values as they relate to the world of work;
- Research careers of interest to determine which occupations best meet their needs;
- Compare job duties, entry and advanced pay, future outlook, opportunities for advancement, and post-high school education/training preparation;
- Use various guides and course description books to determine what high school courses will help them prepare for their chosen career.

All students have the opportunity to use computerized interest inventories, financial aid programs, and college search software in the career center. The career centers also have current information on occupations in Washington State as well as local and national information. Other available services include: resume writing, job shadowing placement, job search assistance, goal planning assistance, varied career-related software.
**High School Pass / Fail Option Grade Courses**

Pass/Fail grading is an option for English Language Learner (ELL) students in all courses. Eligibility for pass/fail grading in each course is based on the recommendation of both the content area teacher and the ELL teacher.

For special education students, it is the Individual Education Program (IEP) team that determines their graduation plan and needed accommodations, including the use of modified grading or course substitutions. The IEP team must document both the plan and accommodations. Each general education teacher will receive information indicating the need for a modified grade (e.g. pass/fail) or other accommodations.

See your counselor if you have questions regarding pass/fail grades.

**Academic Guidance**

The high school counseling program consists of a set of services conducted by certificated counselors. High school counselors spend a significant portion of their time assisting students to meet graduation requirements and planning for post-high school experiences including advising and scheduling for both graduation and future plans. Counselors provide information regarding college entrance requirements, vocational-technical training programs, military opportunities, financial aid and scholarships, testing, and other requirements of post-high school training institutions. Counselors review transcripts and graduation status, identify students who are credit deficient, refer students to programs that may fit their needs and interest (Running Start, Vocational programs through outside institutions, etc.) Counselors also review student’s class schedule changes. They provide information regarding the sequence of coursework.

Students also work in advisory groups during the school year. These groups are led by teachers who support students in meeting all academic requirements as well as other school activities.

**College/Career Testing**

<table>
<thead>
<tr>
<th>Year in School</th>
<th>Tests to be Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman/Sophomore</td>
<td>PSAT or PLAN (A preliminary test if students want practice)</td>
</tr>
<tr>
<td>Junior</td>
<td>PSAT (National Merit Qualifying Test), SAT, ACT, ASVAB</td>
</tr>
<tr>
<td>Senior</td>
<td>SAT, ACT, ASVAB</td>
</tr>
<tr>
<td>Multiple years</td>
<td>AP Tests as courses are completed</td>
</tr>
</tbody>
</table>

It is the student’s responsibility to discuss college entrance/career requirements with a counselor, determine which tests are necessary, and send application and fees to the appropriate testing organization before their designated deadlines. College resource books, available in the counseling center, indicate which tests are required for each college in the United States. Application forms and further test information are available in the counseling and career centers. Specific dates, locations, and fees are available from your counselor. Descriptions of the various college entrance tests are on the following page.
College/Career Testing cont.

PSAT/NMSQT (October) Taking this test is the first step necessary to enter the scholarship programs administered by the National Merit Scholarship Corporation. This test may also be helpful in securing other scholarships or financial aid from the colleges to which you apply. In addition, this test will show students their academic strengths and weaknesses. The test may be taken as a practice or warm up for the SAT. The manner of reporting scores also makes it possible for the students to predict their scores on the SAT with reasonable accuracy. SAT test preparation classes and materials/software for interested students are sometimes available at individual high schools.

PLAN (Pre-ACT test) Curriculum-based test to highlight student academic strengths and areas for improvement. This test is taken as a practice for the ACT. The test also includes an interest inventory to help students explore personally relevant career options. Students also receive relevant college and scholarship information based on PLAN information.

COLLEGE ENTRANCE TESTS: The SAT or the ACT is required for entrance to private and state supported four year colleges and universities in the state of Washington. Neither the SAT nor ACT is required by two year colleges in this state. ACT and SAT scores may also be required for some scholarship applications. SAT (junior or senior year, various dates and test sites). The SAT has three sections: Critical Reading, Mathematics, and Writing. There are also optional SAT II subject tests for specific courses. Students may register online at www.collegeboard.com. Fee waivers are available for students with free or reduced lunch.

ACT (American College Test, Junior or senior year, various dates and test sites). The ACT has four sections: English, Reading, Mathematics, and Science. There is also an optional Writing test. Students may register online at www.act.org. Fee waivers are available for students with free or reduced lunch.

SAT/ACT Fee Voucher: Students using the SAT or ACT as a Certificate of Academic Achievement option may be eligible for a one-time fee voucher. You can find a link to the form on the following website: http://www.bethelsd.org/programs/assessment/caa_options.

ASVAB (Armed Services Vocational Aptitude Battery) The US Department of Defense conducts this exam during fall and spring. The military uses results to determine job assignments for people enlisting in the military. This test is free. Contact your recruiter or career center for information.

AP TESTS (Advanced Placement) Given in May, administered at each high school. These tests are administered to students enrolled in an advanced placement course. The cost for each AP exam is currently $89 and fee reductions are available to qualified students (see your counselor for details). When a student achieves scores on the Advanced Placement tests that meets the minimums set by individual colleges and universities, the student may receive one or more of the following benefits:

1. Exemption by a college or university for beginning courses.
2. Academic college credit in subjects in which the exam is taken.
3. Eligibility for honors and other special programs.
**Planning for High School Years**

There are a number of decisions that students should consider as they plan their high school course selection. Students should visit the career center in their school and consistently attend any pertinent career seminars, information nights, or any other planning activities offered by the high school. It is important that students realize that each course selected should be chosen while considering post-high school options.

### Ninth Grade
- Complete a tentative plan for courses in grades 9 - 12.
- Consider various post-high school choices. Visit with adults in various occupations and with school counselors.
- Update portfolio and High School and Beyond Plan.
- Reference NCAA Approval

### Tenth Grade
- Continue to consider various post-high school options using the options previously described. Additionally, experiment with various course possibilities.
- Review four-year planning sheets. Change plan as necessary to ensure meeting high school graduation requirements, including the minimum basic skills standards.
- If a student is post-secondary education bound, it is highly recommended that he/she take the PSAT/PLAN.
- Investigate the various vocational training programs available within the Bethel School District. Ensure enrollment in any prerequisite classes required for entry into a program.
- Confer with the school’s career specialist about the variety of career options. Each high school’s career center contains occupational research materials.
- Review all admission requirements for any colleges and universities under consideration. Include these courses in any planning.
- Meet with counselors regarding any questions relative to vocational or college preparatory course selections.
- Update portfolio and High School and Beyond Plan.

### Eleventh Grade
- Review four-year planning sheets. Change planning sheets as necessary relative to any courses that are not successfully completed during the 10th grade. Continue considering post-high school choices. The career specialists and counselors are both good resources for this inquiry.
- If a student is post-secondary education bound, it is highly recommended that he/she take the PSAT.
- Correspond with vocational-technical schools, community colleges, or four-year colleges about possible post-high school training programs. They will respond to requests for information. Consider on-site visitations.
- Take either the SAT or ACT in the spring if thinking of applying to a college that requires these scores.
- Take the ASVAB if you are interested in pursuing a military career and/or career exploration.
- Meet with college and military personnel as they visit schools. Begin the nomination process if planning to apply to a military academy.

### Twelfth Grade
- Review graduation requirements to ensure proper enrollment in courses for June graduation.
- Take the SAT or the ACT if applying to a college requiring these scores.
- Take the ASVAB if you are interested in pursuing a military career and/or career exploration.
- Apply to colleges under consideration. Notify the vocational-technical school of choice to place name on a waiting list for the chosen program.
- Follow guidelines regarding financial aid and scholarship application.
- Survey possible job choices, if choosing to work following high school.
- Finalize decisions regarding post-high school choice. Ensure that all deadlines are met.
- Update portfolio and 13th year plan.
The Pierce County Skills Center offers year-long Career and Technical Education programs designed to give students an in-depth look into specific career fields. PCSC courses are taught by industry professionals in state-of-the-art facilities. PCSC programs earn high school and college credit and prepare students to successfully transition to post-secondary education and the workforce.

- Students attend their home high school for ½ day and PCSC for the other ½ day
- PCSC serves high school juniors and seniors
- Programs are tuition free, but may have program fees
- Transportation is provided to and from each high school
- Students may earn up to 1.5 high school credits per semester (total of 3.0 credits per year)
- Session Times: AM Session – 7:55am-10:25am, PM Session – 11:15am-1:45pm

Students interested in attending PCSC should meet with their counselor to review credit status and complete a PCSC application. Applications for the 2016-17 school year will be accepted beginning March 1, 2016.

2016-17 Program Descriptions

Aerospace Composites
The Aerospace Composites program is designed to prepare student to fabricate, assemble and repair composite materials on aircraft. Students will also design, build and repair composite parts and assemblies while earning a certificate of competency. Program fees apply.

Dual Credit: Up to 10 credits  
Certifications: First Aid/CPR, Forklift, OSHA 10, Locally-Developed Certificate
Credit Equivalency: Technical/3rd Year Math - 1.0, Occupational Ed - 2.0 (Per Year)

Aerospace Machining/Fabrication
The Aerospace Machining/Fabrication program is designed to teach students the use of hand tools and industrial machines as they apply to aerospace and manufacturing. This program will also focus on the materials and technologies used in the aerospace industry. Students will receive instruction in trade tools, blueprint reading, precision measurement and welding. Program fees apply.

Dual Credit: Up to 23 credits  
Certifications: First Aid/CPR, Forklift, OSHA 10, Locally-Developed Certificate
Credit Equivalency: Technical/3rd Year Math - 1.0, Occupational Ed - 2.0 (Per Year)

Automotive Technology
The Automotive Technology program is designed to train students for a variety of jobs within the automotive industry, including: automotive repair, customer service and business management. Students will service and diagnose vehicles, complete tune-ups, conduct brake and suspension repair and perform wheel alignments. Program fees apply.

Dual Credit: Up to 13 credits  
Certifications: First Aid/CPR, ASE (varies)
Credit Equivalency: Occupational Ed - 3.0 (Per Year)

Construction Trades
Construction Trades is a pre-apprenticeship program designed to teach entry-level construction skills and knowledge. This course covers both residential and commercial construction with an emphasis on job site safety. Additionally, students focus on employability skills, problem-solving, trainability, as well as team building. The course goal is to prepare students for direct entry into an apprenticeship by meeting rigorous academic and industry standards. Program fees apply.

Dual Credit: Up to 20 credits  
Certifications: First Aid/CPR, Forklift, OSHA 10, Pre-Apprenticeship Certificate
Credit Equivalency: Technical/3rd Year Math - 1.0, Occupational Ed - 2.0 (Per Year)
Cosmetology
The Cosmetology program is designed to train students in hair cutting, current styling trends, hair coloring, and safety and sanitation in a hair salon setting. Upon completion of the required 1,800 hours program, students may take the state Cosmetology examination. Students must be prepared to attend class in the evenings and on Saturdays and must provide their own transportation. The Cosmetology program begins in July and runs through August of the following year. Program fees apply. **Program Requirements:** Students must be 17 years old at time of enrollment and a senior in high school.

**Certifications:** Washington State Cosmetology License

**Credit Equivalency:** Chemistry-Other - 1.0, Occupational Ed - 2.0 (Per Year)

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Criminal Justice
The Criminal Justice program is designed to prepare students for careers in law enforcement and/or further academic work. This program gives a broad overview of the criminal justice system with emphasis on policing, corrections, forensics and the courts. Program fees apply. **Program Requirements:** Must be able to pass a criminal background check.

**Dual Credit:** Up to 17 credits **Certifications:** First Aid/CPR

**Credit Equivalency:** Fitness & Conditioning Activities - 1.0, CWI or Civics - 1.0, Occupational Ed - 1.0 (Per Year)

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Culinary Arts
The Culinary Arts program is designed to teach students kitchen procedures, sanitation and safety, event planning, menu planning, dining room service, and food preparation taught by industry professionals in a state of the art facility. Students will have the opportunity to work in our on-site restaurant to prepare for a career in the food or hospitality industry. Program fees apply.

**Certifications:** WA State Food Handler’s Permit, National ServeSafe, National Restaurant Association ProStart and American Culinary Federation certification

**Dual Credit:** Up to 17 credits

**Credit Equivalency:** Creative Arts-Sculpture - .5, Health - .5, Occupational Ed – 2.0 (Per Year)

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DigiPen Video Game Development/AP Computer Science
The DigiPen Video Game Development program is designed to teach students to create video games using trigonometry and higher math, computer programming in C++, as well as 2D and 3D animation. With guidance from the program partner, DigiPen Institute of Technology, the course prepares students for skills necessary for video game industry’s biggest need: qualified video game programmers and artists. Program fees apply.

**Program Requirements:** Successful completion of Alg I

**College Credit:** Students will take the Advanced Placement Computer Science exam to earn college credit

**Credit Equivalency:** Technical/3rd Year Math - 1.0, Occupational Ed - 2.0 (Per Year)

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Fire Science & Emergency Services
The Fire Science & Emergency Services program is designed to prepare students for a career as a firefighter and other closely related fields such as, fire investigation, public education, fire prevention, communications, first aid, hazardous materials, incident management and wild land firefighting. Program fees apply.

**Dual Credit:** Up to 15 credits **Certifications:** First Aid/CPR, WA State Firefighter I & II (Optional $85.00 fee)

**Credit Equivalency:** Fitness & Conditioning Activities - 1.0, Occupational Ed - 2.0 (Per Year)
Medical Careers (NA-C)
The Medical Careers program introduces students to the knowledge and skills applicable to many medical occupations. Students who successfully complete course work and clinical internships will be eligible to take the Washington State Nursing Assistant Certified (NA-C) exam. Private transportation is required for clinical internships. Program fees apply. **Program Requirements:** Students must be a senior and at least 17 years old at the time of enrollment and pass a criminal background check.
**Dual Credit:** Up to 25 credits  
**Certifications:** First Aid/CPR, Nursing Assistant Certification

**Credit Equivalency:** Health - 1.0, Biology-Other - 1.0, Occupational Ed - 1.0 (Per Year)

PC Networking & Hardware Repair
The PC Networking & Hardware Repair program is designed to provide students with a broad understanding of the installation and management of computer networks. Students are provided with an integrated and comprehensive coverage of networking topics, from fundamentals to advanced applications and services, along with opportunities for hands-on practical experience. Program fees apply.
**Dual Credit:** Up to 25 credits  
**Certifications:** A+, Network+, Security+, PC Pro (Testing Fees May Apply)

**Credit Equivalency:** Technical/3rd Year Math - 1.0, Occupational Ed - 2.0 (Per Year)

Pre-Pharmacy Technology
The Pre-Pharmacy Technology program introduces students to the knowledge and skills needed for entry level positions in retail, hospital or mail-order pharmacies. Students will learn about handling and storing drugs and chemicals as well as medication dispensing procedures. This program will provide a foundation for students who want to pursue a career as a pharmacy technician or pharmacist. Program fees apply.
**Dual Credit:** Up to 5 credits  
**Certifications:** First Aid/CPR, Pharmacy Assistant

**Credit Equivalency:** Anatomy & Physiology - .5, Health -.5, Occupational Ed – 2.0 (Per Year)

Pre-Physical Therapy & Sports Medicine
The Pre-Physical Therapy & Sports Medicine program is designed to provide students with a hands-on experience in evaluation, acute care and rehabilitation skills. This course is a first stop for students interested in becoming a certified athletic trainer, strength and conditioning coach, or a physical therapy assistant or physical therapist. Program fees apply.
**Dual Credit:** Up to 12 Credits  
**Certifications:** First Aid/CPR, Coaching

**Credit Equivalency:** Anatomy & Physiology - 1.0, Fitness & Conditioning Activities - 1.0, Occupational Ed - 1.0 (Per Year)

Pre-Veterinary Technology
The Pre-Veterinary Technology program is designed to prepare students for a career in animal healthcare and science and provides a foundation for employment in fields such as veterinary medicine, agriculture, research, fish and wildlife as well as training in grooming services. Students will gain experience through classroom activities and daily handling of resident animals in a realistic setting that models worksites in the industry. Program fees apply. 
**Program Requirements:** Successful completion of high school Biology or equivalent class

**Dual Credit:** Up to 2 credits

**Credit Equivalency:** Zoology - 1.0, Occupational Ed - 2.0 (Per Year)

Welding (After School Program)
The Welding program is designed to introduce students to the welding trade. Students will learn a variety of welding techniques including: shielded metal, flux-cored, gas tungsten and gas metal. This program will also include oxy-acetylene welding, soldering, brazing and cutting along with forklift and mobile crane operation. Program fees apply.
**Off-site:** This program is located at Lincoln High School and runs Monday-Thursday from 3:15-5:45pm

**Dual Credit:** Up to 19 credits  
**Certifications:** First Aid/CPR

**Credit Equivalency:** Occupational Ed - 2.5 (Per Year)
Course Descriptions

Descriptions are organized by the following academic subject or department (order of appearance):

Career & Technical Education
English Language Arts
Health & Physical Education
Mathematics
Science
Social Studies
Special Services
Student Assistants
Visual & Performing Arts
World Languages

Course Information Listing

All courses offered by the Bethel School District are listed in this section. **However, not all courses listed here are necessarily offered in each high school each semester.**

Listing of a course under a particular subject heading indicates the course qualifies for meeting subject-area requirements for graduation (state statutes specifically require some courses). In some cases, courses are listed under more than one subject area. These courses can be used to meet the graduation requirement in either subject area, but **not** in both.

Prerequisites are designed to ensure appropriate skills in courses that require sequential skill development.
## Career and Technical Education Courses

**It’s Your Future...**

- **Create It**
- **Promote It**
- **Plan It**

### Arts & Communications
- Digital Photography 1
- Video Productions 1
- Graphic Design
- Applied Math
- Gateway to Technology
- Power Sports 1

### Business, Marketing & Information Technology
- Accounting 1
- Digital Communication Tools
- Intro to Business/Marketing
- Financial Fitness Careers
- Entrepreneurship/Retail Store Operations
- Business Management
- Accounting 2
- Business Law
- Work-Based Learning
- Office Assistant
- Marketing Series
- Microsoft Applications Series
- Web Design Series
- Intro to Computer Programming
- AP Computer Science A

### STEM Courses: Science, Technology, Engineering & Math
- Science and Technology
- Intro to Engineering Design
- Principles of Engineering/Robotics
- Civil Engineering & Architecture
- Computer Integrated Manufacturing
- Composites/Manufacturing 1
- Aerospace Engineering
- Junior Reserve Officer Training
  - Army
  - Air Force
  - Navy

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### Exploratory Courses

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Career/Technical Education (CTE)
All courses listed under Career/Technical Education (CTE) count towards fulfilling the one credit requirement in Occupational Education. Careers credit (required 0.5) is listed in this section as well.

College Credit: Many CTE courses offer free college credit for students who qualify. Students interested in this credit must meet the requirements and complete the enrollment process for each course. Please check with your teacher, counselor, or the career center clerk to inquire about courses that offer this credit and the requirements.

**CTE: Arts Technology**

**Metals/Jewelry & Design 1 (CTA 251/252)**
*Grade Level: 9, 10, 11, 12*
*Credit: Occupational/CTE or Fine Arts or Elective 0.5 - Fees may apply*
Students will explore jewelry design using the elements and principles of the visual arts as they apply to “miniature three-dimensional sculptures.” Fabrication techniques using hot and cold joining will be employed to create rings, pins, pendants and other jewelry pieces.

**Metals/Jewelry & Design 2 (CTA 261/262)**
*Grade Level: 9, 10, 11, 12 Repeatable*
*Credit: Occupational/CTE or Fine Arts or Elective 0.5*
*Prerequisite: Successful completion of Metals/Jewelry Design 1 with a B grade or better, or teacher permission.*
Students will continue to develop jewelry design and techniques as they explore the jewelry making process. Development of a personal style, aesthetic and artistic vision is encouraged through class discussion and critiques.

**Advanced Placement Studio Art Drawing (ART 461/462)**
*Grade Level: 11, 12 repeatable*
*Credit: Occupational/CTE, Fine Arts or Elective 1.0*
*Prerequisite: There is an application process for this course.*
Advanced Placement provides the high school student with the opportunity to receive university credit by submitting a portfolio to the AP College Board. Students must be responsible and able to work independently on a contract basis. Students must declare a focus in Drawing, 2-D Design or 3-D Design, as well as a concentration within their area of focus. To assist the student in the successful completion of a portfolio, development of a personal style, aesthetic and artistic vision is encouraged through class discussion and critiques. Weekly individual critiques and a culminating student show are required. Completion of the Advanced Placement Portfolio is required.

**Graphic Design (CTA 253/254)**
*Grade Level: 9, 10, 11, 12 repeatable*
*Credit: Occupational/CTE or Fine Arts or Elective 0.5*
*College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply*
Students explore two-dimensional design through the development of typography, logos, trademarks and advertising art. The artistic process is implemented while students create “camera-ready” art. Techniques may include block printing, silk screening, use of the computer as a graphic design tool, digital image manipulation and computer animation. This course includes a study of the elements and principles of art.
*Note: The Pierce County Skills Center offers a program that may be of interest to you: DigiPen Game Design. Please see the Pierce County Skills Center section of this guide for more information.*

**Digital Photography 1 (CTA 201/202)**
*Grade Level: 9, 10, 11, 12*
*Credit: Occupational/CTE, Fine Art, or Elective 0.5*
*College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply*
Students are introduced to the techniques and technology of journalistic, fine art and graphic design digital photography. Students will create color and black and white digital prints and digital portfolios. A 5 megapixel or better camera is provided. This course includes a study of the elements and principles of art. Some digital cameras may be available for overnight and weekend use.
Digital Photography 2 (CTA 255/256)
Grade Level: 10, 11, 12 repeatable
Credit: Occupational/CTE, Fine Art, or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Digital Photography 1 with a B grade or better, or teacher permission.
Students continue developing the skill of journalistic, fine art and digital photography, and will explore industrial photography, studio photography, and photo stitching. Emphasis is placed on individual projects, portfolios and personal time management. Students should have access to a 10 mega-pixel camera or better. Limited classroom cameras may be available for student use. This course includes a study of the elements and principles of art. Some digital cameras may be available for overnight and weekend use. Artistic vision is encouraged through class discussion and critiques.

CTE: Communications Technology

Video Productions 1 (CTT 103/104) Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE, Fine Art or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
This course allows individuals to learn all the basics of video productions including basic writing, video, audio, lighting and editing. Students will work in small groups to produce and edit projects. After completing the course, students will be prepared for Video Productions 2 or Media Design and Production. This course includes a study of the elements and principles of art.

Video Productions 2 (CTT 163/164)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Occupational/CTE, Fine Art or Elective 0.5
Prerequisite: Successful Completion of Video Productions 1 or instructor permission.
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
This course follows Video Productions 1. Students will continue to develop writing, video, audio, lighting, and editing skills. They will form production groups to create a ten-minute film, a ten-minute documentary and a ten-minute infomercial. This course includes a study of the elements and principles of art.

Media Design & Production (CTT 101/102)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
College Credit may be available see note at beginning of Career/Technical Education Section - Fees may apply
Students will work in groups while learning to write and produce news, sports, and entertainment features for regularly scheduled broadcasts. Students will also be involved in the production of a video yearbook for their school.

Yearbook Technology (CTT 351/352)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
Prerequisite: Successful Completion of Digitools and Instructor Permission
This course is designed to teach students the essentials of advanced desktop publishing and graphic design. This is a project-based class in which students will create school wide flyers, poster and produce the yearbook using various publishing software.

Web Design 1 (CTT 151/152)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Digitools
Students learn to write and diagnose basic HTML by hand and then progress to Dreamweaver, Fireworks and Flash to create functional, yet attractive web pages that are designed and structured according to proper design and layout.
Web Design 2 (CTT 263/264)
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Web Design 1
This course prepares individuals to apply HTML, XML, JavaScript, graphics applications, and other authoring tools to the design, editing and publishing (launching) of documents, images, graphics, sound and multimedia products on the Internet. Includes instruction in Internet theory; web page standards and policies; elements of web page design; user interfaces; vector tools; special effects; interactive and multimedia components; search engines; navigation; morphing; ecommerce tools; and emerging web technologies.

CTE: Business and Marketing

Accounting 1 & 2 (CTB 201)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Learn how to plan, record, analyze and interpret business transactions. This course begins to prepare individuals to practice the profession of accounting and to perform related business functions. Accounting is the way financial information is kept, reported and interpreted. Business employees, owners, managers, as well as consumers use skills studied in accounting to make good financial decisions. Accountants are in high demand in the job market.

Accounting 3 & 4 (CTB 361)
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful Completion of Accounting 1&2
This second year course prepares individuals on advanced levels to practice the profession of accounting and to perform related business functions. Instruction in accounting principles and theory, financial accounting, cost accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement analysis, professional standards and ethics, plus applications specific for profit, public and non-profit organizations will be included.

Introduction to Business and Marketing (CTB 214/215)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 1
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
This introductory class will help students learn about careers and concepts in marketing. Students will be able to utilize these concepts regardless of their future employment interests and improve their chances of success in our free enterprise system. Topics explored are leadership development, pricing concepts, product strategy, advertising and sales promotion, visual merchandising and display techniques, job acquisition skills, job safety, starting student businesses in class, and basic selling techniques. This class uses guest speakers to enhance the classroom climate. Additionally, student participation in DECA provides them the opportunity to attend area, state, and international competitions (for detailed information see www.wadeca.org), which further develop their leadership potential. This course is a pre-requisite for Marketing Retail Store Operations (working in the student store).

Financial Fitness (CTB 305/306)
Grade Level: 11, 12
Credit: Occupational/CTE, Elective 1.0, Math Elective 1.0
Prerequisite: Successful completion of Algebra 1 or Applied Algebra 1.
This course prepares individuals to plan, manage and analyze finances. Students will learn about financial responsibility and decision-making; income; planning and money management; saving and investing; buying goods and services; banking and financial; institutions; credit and debt; and risk management and insurance.
Entrepreneurship / Retail Store Operations (CTB 301)
Grade Level: 10, 11, 12 Repeatable
Credit: Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply.
Prerequisite: Successful completion of Intro to Business and Marketing with a B grade or better, a food handler's permit, and Instructor approval.
This course is perfect for marketing students who desire real work experience, who are energetic, and interested in mastering cashiering, food handling, inventory control, and promotion. Students who demonstrate quality work ethic and positive human relations skills will have the option to work in a management role. Successful students will leave with real work experience and letters of recommendations for future employers. Additionally, student participation in DECA provides them the opportunity to attend area, state, and international competitions (for detailed information see www.wadeca.org), which further develop their leadership potential.

Business Law (CTB 207)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
Students discover and explore rights and duties of citizenship including ethics, contracts, liabilities, tax laws, civil and criminal law. This course emphasizes the application of legal principles and practices. It develops understanding of the United States legal system and how it is present in all areas of life from before birth to after death. Students will study the sources of law and analyze legal cases related to the protection of individual rights and the responsibility to observe the rights of others.
*Note: The Pierce County Skills Center offers a program that may be of interest to you: Criminal Justice. Please see the Pierce County Skills Center section of this guide for more information.

Digital Communication Tools (Digitools) (CTB 101/102)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
This course prepares individuals for electronic workplace communications using standard and customized software products. Students will learn about workplace technology resources such as programming basics, animation, digital languages, and computing concepts. Students will also begin post-secondary planning and career exploration. This course is typically taken during the 9th grade year.

Careers (CTB 303/304)
Grade Level: 9, 10, 11, 12 Repeatable
Credit: Career Education 0.5, Occupational/CTE, or Elective .5
This course provides students with the opportunity to explore career interests and ideas while earning high school credit. Students gain an understanding of how their skills, aptitudes and personal traits prepare them for future careers. Workplace skills, employer expectations, safety and communication skills are explored.

CTE: Computer Science and Information Processing

Introduction to Computer Programming (CTT 251/252)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
Prerequisite: Successful completion of Algebra 1 or Applied Algebra 1.
Introduction to Computer Programming is a year-long course focused on fundamental computer science concepts. Assignments and instruction are application-based and include socially relevant, real-world, current topics. Students will use a variety of tools and platforms throughout the course and will produce a final project that incorporates topics such as Human Computer Interaction, Problem Solving, Web Design, Introduction to Programming, Computing and Data Analysis, and Robotics. This project-based course will include fundamentals of Java and Unity along with Simulations, Game design, and App Development. *Note: The Pierce County Skills Center offers programs that may be of interest to you: DigiPen Game Design or PC Networking and Hardware Repair. Please see the Pierce County Skills Center section of this guide for more information.
Advanced Placement Computer Science A (CTT 401/402)

Grade Level: 10, 11, 12
Credit: Algebra Based Lab Science, Occupational/CTE or Elective 1.0
Prerequisite: Successful Completion of Advanced Algebra with a "C" or better and successful completion of Programming or teacher permission.

This is an introductory course in Computer Science. The course emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. Completion of the Advanced Placement Exam is required. *Note: the Pierce County Skills Center offers programs that may be of interest to you: DigiPen Game Design or PC Networking and Hardware Repair. For more information please see the Pierce County Skills Center section.

Microsoft Applications 1 (CTB 218/219)

Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5 / College Credit may be available see note at beginning of Career/Technical Education Section - Fees may apply / Microsoft Certification Available
Prerequisite: Successful Completion of Digitools

This self-paced course series will guide students through real-life projects using word processing spreadsheet, database applications, and presentation software. Upon completion of this course, **students will be eligible for industry certification through Microsoft.** In addition to computer skills, students will develop work skills that are an important part of succeeding in the work environment.

Microsoft Applications 2 (CTB 255/256)

Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5 / College Credit may be available see note at beginning of Career/Technical Education Section - Fees may apply / Microsoft Certification Available
Prerequisite: Successful Completion of Digitools

This self-paced course series will guide students through real-life projects using word processing spreadsheet, database applications, and presentation software. Upon completion of this course, **students will be eligible for industry certification through Microsoft.** In addition to computer skills, students will develop work skills that are an important part of succeeding in the work environment.

**CTE: Science, Technology, Engineering and Math (STEM)**

Power Sports Equipment 1 (CTM 205/206)

Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply

This is the first in a series of courses that prepares students for employment in the power sports vehicle and power equipment industry. Students will work toward servicing motorcycles and ATVs; large or small outboard engines, personal watercraft, and marine engines and power equipment/vehicles from yard tractors to lawn mowers and chain saws.

Power Sports Equipment 2 (CTM 257/25A)

Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Power Sports Equipment 1

Students continue developing the skills necessary for employment in the power sports vehicle and power equipment industry. Advanced projects are assigned that allow students to acquire planning, quality control, design and leadership skills.
Power Sports Equipment 3 (CTM 265/266)
Grade Level: 11, 12
Credit: Occupational/CTE or Elective 1.0 –
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Power Sports Equipment 2
In Power Sports 3, students will continue to develop the Stihl equipment repair and parts catalog knowledge. Emphasis will be on reading precision measuring tools for accurate measurement of parts and factory recommended tolerances for precise diagnostics.

Composites/Manufacturing 1 (CTM 107/108)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE; Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Composites/Manufacturing 1 is part of the Manufacturing Career Cluster that articulates with the Pierce County Skills Center Skills Center. Upon successful completion of the Program of Study, students can gain entry level employment in the aerospace industry. Composites/Manufacturing 1 will prepare you to become a fabrication technician, assemble and repair composite materials on aircraft at an entry level. Local aerospace and composites manufacturing industry has expressed an ongoing need for people with these skills. The knowledge and skills gained through this training can transfer into other industries also, such as automotive, marine, and sporting goods. Students will receive hands-on experience in manufacturing, testing, and assessing the properties and performance of aerospace materials.

Composites/Manufacturing 2 (CTM 153/154)
Grade Level: 10, 11, 12
Credit: Occupational/CTE; Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful Completion of Composites/Manufacturing 1
In Composites/Manufacturing 2, students will continue with a more in-depth look at mechanical behavior and characteristics of composites and aerospace materials. Students will evaluate aerospace material performance and make decisions based on structural durability and safety. The knowledge and skills gained through this training can transfer into other industries also, such as automotive, marine, and sporting goods. In this high-demand career development program, students may have the opportunity to earn a Certificate of Competencies leading to entry level employment in the composites and aerospace industries.

Introduction to Engineering Design-IED (CTM 258/25B)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE, Fine Arts, or Elective 1.0
Prerequisite: None
As PLTW and many college Engineering and Design programs require, IED is designed primarily as an introductory program to STEM careers at all levels. The major focus of IED is the design process and its application to the real world. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineers notebook, and communicate solutions to peers and members of the professional community. Students will be able to use state of the art software, machines (CNC Mills, 3-D Printers, Vinyl Sign Cutters), and tools in the prototyping lab to design and model creations.

Principles of Engineering/Robotics (CTM 259/25C)
Grade Level: 10, 11, 12
Credit: Occupational/CTE, Lab based science or Elective 1.0
Prerequisite: Intro to Engineering Design or teacher permission. NCAA approval has been requested.
This survey course exposes students to major concepts they’ll encounter in a post-secondary engineering course of study. Students will study mechanisms, energy, statics, materials, kinematics, programming, and utilize robotics as the medium to apply skills learned. Students will be challenged to problem-solve, research, and design to create solutions to various challenges, document their work, and communicate solutions. Students involved in Robotics will be able to apply their skills to the FRC competition robot during class.
Computer Integrated Manufacturing  (CTT209/210)
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
Prerequisite: Successful Completion of Algebra 1 or Applied Algebra 1 and successful Completion of Intro to Engineering Design and Principles of Engineering/Robotics are highly recommended.
Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech innovative nature of modern manufacturing. This course illumines the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

Aerospace Engineering  (CTM 217/218)
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 1.0 NCAA approved
Prerequisite: Successful Completion of Algebra 1 or Applied Algebra 1. Intro to Engineering Design is recommended.
Aerospace Engineering is one of PLTW’s specialized courses. AE explores the evolution of flight, navigation and control, flight fundamentals, aerospace materials, propulsion, space travel, and orbital mechanics. In addition, this course presents alternative applications for aerospace engineering concepts. Students analyze, design, and build aerospace systems. They apply knowledge gained throughout the course in a final presentation about the future of the industry and their professional goals. This course is designed for 10th, 11th or 12th grade students.

Civil Engineering and Architecture  (CTM 353/354)
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 1.0
Prerequisite: Successful Completion of Intro to Engineering Design.
This course is part of the Project Lead the Way (PLTW) course sequence designed to provide students with greater understanding of mathematics and science through pre-engineering concepts. In this overview of civil engineering fields, students will use state-of-the-art software to solve real world problems and apply knowledge to hands-on projects and activities. By developing and implementing plans for a playground or vacation homes for example, students experience firsthand the job responsibilities of architects and civil engineers. By the end of the course, students are able to give a complete presentation to the client including three-dimensional renderings of buildings and improvements, zoning and ordnance constraints, infrastructure requirements, and other essential project plans.

Woodworking (CTM 105/106)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective .5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Students are introduced to a variety of hand tools and woodworking equipment. They will practice a variety of safety, manufacturing and design techniques to create and construct a variety of projects.

Applied Math (CTM 279/280)
Grade Level: 9, 10, 11, 12
Credit: Mathematics, Occupational/CTE or Elective 1.0
Students learn upper level algebra through practical application and hands-on experience. Topics for this course include: precisions, accuracy and tolerance; solving problems that involve non-linear equations; factoring; quadratics; using right-triangle relationships; using trigonometric functions; solving problems with computer spreadsheets; solving problems with computer graphics, quality assurance and process control and logic.
CTE: Junior Reserve Officer Training Corps

Bethel’s JROTC program is designed to build leadership, scholarship and citizenship in participating cadets. This is done through a broad social science academic approach and practical, guided leadership experience within each armed forces organization. All JROTC programs may enable students to qualify for scholarships, advanced promotions upon enlistment, and federal military academy acceptance. Students will be involved in physical activities throughout all JROTC programs.

Army JROTC
Year 1 (GEN 209/210) Year 2 (GEN 254/25D) Year 3 (GEN 255/25E) Year 4 (GEN 256/25F)
Grade Level: 9, 10, 11, 12
Credit: Physical Education, Occupational/CTE, or Elective 1.0 - Fees may apply
Prerequisite: You must be currently enrolled or have already taken a 0.5 Health Course.
The AJROTC curriculum emphasizes Army history, world geography, international relations, economics, and behavioral aspects of leadership. Military drill, leadership labs, and field trips are included. This class is recommended for students who are interested in AJROTC and hands-on leadership. Students may be asked to participate in volunteer activities such as unarmed drill and color guard. Students will be required to wear their JROTC uniform once a week in accordance with Cadet Command Regulation 145-2 and Cadet Reference.

Air Force JROTC
Year 1 (GEN 207/208) Year 2 (GEN 251/25A) Year 3 (GEN 252/25B) Year 4 (GEN 253/25C)
Grade Level: 9, 10, 11, 12 Fees may apply
Credit: Physical Education, Occupational/CTE, Elective 1.0. Year 3 - CTSS 252 World Studies 1.0
Prerequisite: You must be currently enrolled or have already taken a 0.5 Health Course.
The AFJROTC curriculum emphasizes Air Force history, world geography, international relations, economics, and behavioral aspects of leadership. Military drill, leadership labs, and field trips are included. This class is recommended for students who are interested in AFJROTC and hands-on leadership. Students are encouraged to participate in volunteer activities such as unarmed drill and color guard, physical fitness, marksmanship and orienteering teams. Students are required to wear their no fee JROTC uniform one full day each week.

Air Force JROTC Private Pilot Basic Ground School (GEN261/262)
Grade Level: 11, 12
Credit: Elective, Occupational/CTE .1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: AFJROTC 1
Pilot ground school is a Dual Credit course offered in conjunction with Clover Park Technical college. Course includes a study of basic aerodynamics for flight physiology, aircraft systems, aviation weather flight planning and aviation operations.

Navy JROTC
Year 1 (GEN 211/212) Year 2 (GEN 257/25G) Year 3 (GEN 258/25H) Year 4 (GEN 259/25I)
Grade Level: 9, 10, 11, 12
Credit: Physical Education, Occupational/CTE, or Elective 1.0 - Fees may apply
Prerequisite: You must be currently enrolled or have already taken a 0.5 Health Course.
The NJROTC curriculum emphasizes citizenship, leadership, and volunteer service. It also includes Navy history, world geography, international relations, economics, and behavioral aspects of leadership. Military drill, leadership labs, and field trips are included. This class is recommended for students who are interested in NJROTC and hands-on leadership. Students are encouraged to participate in volunteer unit activities such as armed and unarmed drill, color guard, physical fitness, marksmanship, and orienteering teams. Students are required to wear their no fee JROTC uniform one full day each week. NJROTC cadets have opportunities to attend leadership academies and seminars conducted during the summer break.
JROTC Drill and Performance (GEN213/214)
Grade Level: 9, 10, 11, 12
Credit: Physical Education .5, Elective .5, Occupational/CTE .5, Fine Arts .5 maximum, repeatable
Students enrolled in JROTC may also take this Zero hour, drill & ceremonies course. Students learn advanced drill & ceremonies and creatively develop exhibition drill maneuvers in preparation for several performances throughout the year. Performances include but are not limited to the Veterans’ Day Assembly, 4-5 Northwest Drill & Rifle League (NWD&RL) competitions, travel and performance at regional and national competitions as well as parades throughout the Puget Sound Area. Students compete and are judged at all NWD&RL competitions.

CTE: Human Services

Child Development/Parenting 1 (CTF 205/206)
Grade Level: 9, 10, 11, 12
Credit: Health, Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
In Child Development/Parenting, students will learn about making the decision to become a parent, parenting and human development beginning with pregnancy and going through the first two years of life. Students will have the opportunity to experience simulated pregnancy and/or parenting of a newborn with the “Empathy Belly” and electronic baby. STARS Certification may be an option for students taking this course.

Child Development/Parenting 2 (CTF 255/256)
Grade Level: 9, 10, 11, 12
Credit: Health, Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful Completion of Child Development/Parenting 1
Child Development/Parenting II covers the development of infants, toddlers and preschoolers and their health, safety and nutritional needs. This course provides positive guidance techniques for parents and those interested in child-related careers. STARS Certification may be an option for students taking this course.

Careers in Education (CTF 303/304)
Grade Level: 11, 12
Credit: Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Teacher Permission
Students explore learning theories and styles, teaching methods, and classroom management techniques. Throughout this course, students complete observations in local elementary, junior and senior high schools. It is through these observations that students begin to understand the differences in grade levels, development and teaching styles. Teaching Academy/Careers in Education is a college level course and offers the opportunity to earn college credit and/or waivers at colleges and universities in Washington State. This course includes hands-on experience where students are placed in an elementary or junior high classroom second semester to work with a mentor teacher and his/her students.

Child Development Lab – Bethel High School only (CTF 251/252)
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 0.5 (Repeatable)
Prerequisite: Successful Completion of Child Development/Parenting 1 and 2.
Students plan activities, teach curriculum, observe children and practice positive management techniques for children ages 3-5 in an actual preschool setting. Each student is assigned a preschooler to observe, mentor, and evaluate.
American Sign Language 1st Year (ASL 201/202)
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0; World Languages; Occupational/CTE 1.0 - NCAA approved
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
American Sign Language I is a beginning course in American Sign Language, introducing students to the language and culture of the Deaf. The course will provide insights into Deaf cultural values, Deaf attitudes, historical aspects of the language and the Deaf community. Two years of ASL satisfies the world language requirement for Washington colleges and universities; college credit can be earned while taking this course in high school.

American Sign Language 2nd Year (ASL 251/252)
Grade Level: 10, 11, 12
Credit: Elective 1.0; World Languages; Occupational/CTE 1.0 - NCAA approved
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Sign Language 1 with at grade of “C” or better.
American Sign Language II is a continuation of ASL I with greater emphasis on ASL grammar and concentrated effort to develop the student’s expressive and receptive skills. Students will study appropriate language, grammar, cultural behaviors, and social relations. Two years of ASL satisfies the world language requirement for Washington colleges and universities; college credit can be earned while taking the course in high school.

American Sign Language 3rd Year (ASL 351/352)
Grade Level: 10, 11, 12
Credit: Elective 1.0; World Languages; Occupational/CTE 1.0 - NCAA approved
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Sign Language 2 with at grade of “C” or better.
American Sign Language III is a more in-depth study of American Sign Language and Deaf culture, in addition to further cultural and grammatical understanding and interpreting skills. Greater attention is given to sign inflection, production and idiomatic conventions through meaningful conversation and context. College credit can be earned while taking the course in high school.

CTE: Family and Consumer Sciences

Independent Living (CTF 101/102)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
This course is a basic exploratory course to the advanced Family and Consumer Science, Health, and Human Services classes. Students learn about themselves through personality exploration and activities that involve building self-esteem. Students develop interpersonal skills such as communicating in relationships, working in teams and gaining leadership skills. Basic nutrition, cooking techniques, planning and preparation of meals/snacks, and practicing basic guidelines to healthy eating are included through guided practice. Students will explore physical, intellectual, emotional, and social development of children while learning through hands on experiences. This class will also cover the money management skills needed to be able to live independently.

Family Health/Personal Relations (CTF 301/302)
Grade Level: 9, 10, 11, 12
Credit: Health, Occupational/CTE or Elective 0.5
Family Health is designed to prepare students for life-long decision making, problem solving, critical thinking, and management skills related to health and wellness issues of families. The topics will enable students to assume an active role in developing healthy lifestyles for themselves and others. Integrating the Washington Health and Fitness standards and competencies from the National Standards for Family and Consumer Sciences Education, this course focuses on the interrelationships of healthy choices and a productive, satisfying life. Upon successful completion of this course, students will earn a .5 “Health” credit. (This class also satisfies the graduation requirement of .5 vocational credit.)
CTE: Culinary Arts

Culinary Arts 1 (CTF 217/218) Challenger Secondary School Only
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Culinary Arts prepares individuals to provide cooking services in restaurants and other commercial food establishments. The course includes instruction in food safety and sanitation practices, recipe and menu planning, preparing, portioning, and cooking foods, supervising and training kitchen assistants, the management of food supplies and kitchen resources, aesthetics of food presentation, and familiarity or mastery of a wide variety of cuisines and culinary techniques.

Culinary Arts 2 (CTF 259/260) Challenger Secondary School Only
Grade Level: 10, 11, 12
Credit: Occupational/CTE or Elective 0.5 repeatable
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful Completion of Culinary Arts 1
Culinary Arts 2 prepares individuals to provide cooking services in restaurants and other commercial food establishments. The course includes instruction in food safety and sanitation practices, recipe and menu planning, preparing, portioning, and cooking foods, supervising and training kitchen assistants, the management of food supplies and kitchen resources, aesthetics of food presentation, and familiarity or mastery of a wide variety of cuisines and culinary techniques.

Culinary Essentials 1 (CTF 201)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
This course is designed for students interested in Culinary Arts and food preparation skills, Culinary Essentials students will focus on food safety and sanitation, safe knife skills, nutrition basics, meal planning, kitchen equipment, and food preparation and presentation. Students will learn basic culinary skills while working cooperatively with others in food labs.

Culinary Essentials 2 (CTF 257/258)
Grade level: 9, 10, 11, 12
Credit: Occupational/CTE or Elective 0.5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Culinary Essentials 1
This course is a continuation of Culinary Essentials 1. Students will focus on cooking and baking fundamentals such as preparing classic hot and cold sauces, using thickening agents, exploring different mixing methods, dessert preparation, food presentation and honing knife skills. Students will use mathematics skills to convert recipes and determine food costs.

Culinary Experience (CTF 265/266)
Grade level: 10, 11, 12
Credit: Occupational/CTE or Elective 0.5, Repeatable
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Culinary Essentials 1
This course will allow students interested in culinary careers the opportunity to practice the skills and techniques learned in Culinary Essentials. Students will have the opportunity to work in a professional kitchen to prepare a variety of foods.
CTE: Health & Medical Sciences

**Nutrition and Fitness (CTF 401/402)**

*Grade Level: 9, 10, 11, 12*

*Credit: Health, Physical Education, Occupational/CTE or Elective 1.0*

*College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply*

In this course, students will learn about the role nutrition plays in overall human health. The topics will cover information about nutritional needs, digestion, diet analysis, planning balanced meals, how to prepare nutritious foods through healthy cooking, health problems related to poor diet, safe and sanitary handling of food, nutrition careers, and how to plan a life-long fitness program. The focus is to help students learn how good nutrition and fitness affects health.

**Introduction to Medical Careers 1 (CTF 209/210)**

*Grade Level: 9, 10, 11, 12*

*Credit: Health, Occupational/CTE or Elective 0.5*

This class offers First Aid and CPR training and students will have an opportunity to test for First Aid and CPR Certifications. This course provides students the opportunity to explore careers in health care. Instruction includes history of health care, in-depth study and exposure to health careers, career planning, employability skills, terminology, ethics, wellness vs. illness, and safety. *Students are strongly encouraged to register for Introduction to Medical Careers 2 the following semester.*

**Introduction to Medical Careers 2 (CTF 261/262)**

*Grade Level: 9, 10, 11, 12*

*Credit: Health, Science, Occupational/CTE or Elective 0.5*

*College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply*

*Prerequisite: Successful Completion of Medical Careers 1*

Students in Introduction to Medical Careers 2 will be introduced to anatomy and physiology (systems of the body), diseases, and nutrition. Medical terminology, legal and ethical considerations, safety, career awareness, and professionalism are also included.

*Note: the Pierce County Skills Center offers a program that may be of interest to you: Medical Careers. Please see the Pierce County Skills Center section of this guide for more information.*

**Applied Anatomy & Physiology (CTF 215/216)**

*Grade Level: 11, 12*

*Credit: Health, Occupational/CTE, Lab Science or Elective 1.0 / NCAA approved. College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply*

Human anatomy and physiology is an elective course for students with a special interest and high motivation for an in-depth study of human structures and function. The course integrates biology and chemistry using unifying concepts. Topics include the muscular, nervous, digestive, respiratory, circulatory, excretory, endocrine and reproductive systems and genetics. *Note: the Pierce County Skills Center offers a program that may be of interest to you: Medical Careers. Please see the Pierce County Skills Center section of this guide for more information.*

**Sports Medicine (CTF 211/212)**

*Grade Level: 10, 11, 12 Credit: Occupational/CTE, Health, or Elective 1.0*

*College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply*

*Prerequisite: Successful completion of Introduction to Medical Careers 1*

This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. *Note: the Pierce County Skills Center offers a program that may be of interest to you: Pre-Physical Therapy.*
Sports Medicine 2 (CTF 223/224)
Grade Level: 11, 12  Credit: Health, Occupational/CTE or Elective 1.0
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: Successful completion of Sports Medicine
This is an advanced course for students who are interested in the career field of sports medicine. The course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health-related fields.

Sports Medicine Practicum (CTF 225)
Grade Level: 11, 12  Credit: Occupational/CTE or Elective 0.5 (Repeatable)
Prerequisite: Enrollment in or successful completion of Sports Medicine or Sports Medicine 2 and teacher permission
This is a field experience course for students who are interested in a career field of sports medicine. The course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health-related fields. Students enrolled in this practicum course will work with school athletes on the field outside of school hours. Independent transportation may be required.

Physical Fitness Technician (CTF107/108)
Grade Level: 10, 11, 12  Credit: Health, Physical Fitness, Occupational/CTE, or Elective 0.5
This course is designed to give students the knowledge and understanding necessary to prepare for the ACE Personal Trainer Certification Exam and become effective personal trainers. Students will also gain knowledge that covers other industry fields; kinesiology, physical therapy, athletic coaching, just to name a few. This course presents the ACE Integrated Fitness Training™ (ACE IFT™) Model as a comprehensive system for designing individualized programs based on each client’s unique health, fitness, and goals. The information covered by this course and the ACE IFT Model will help students learn how to facilitate rapport, adherence, self-efficacy and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness, and muscular endurance and strength.
*Students with a B or better earn Kinesiology credits through Pierce College.

Principles of the Biomedical Sciences (CTF 219/220)
Grade level: 9, 10, 11, 12  Credit: Occupational/CTE, Science Elective, Health, Lab Science, Elective 1.0  NCAA approved
This Project Lead the Way (PLTW) course will introduce students to the study of human medicine, research processes, an introduction to bioinformatics, and the use of computer science, mathematics, and information theory to model and analyze biological systems. Students investigate the human body systems and various health conditions including: heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person’s life. Key biological concepts including homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are incorporated in the curriculum. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.
*Note: the Pierce County Skills Center offers a program that may be of interest to you: Medical Careers. Please see the Pierce County Skills Center section of this guide for more information.

Human Body Systems (CTF 221/222)
Grade level: 10, 11, 12  Credit: Occupational/CTE, Science Elective, Health, Lab Science, Elective 1.0  NCAA approved. Prerequisite: Successful completion of Biology or Principles of the Biomedical Sciences
This PLTW course introduces students to the processes, structures, and interactions of the human body systems. Important concepts in the course include: communication, transport of substances, locomotion, metabolic processes, defense, and protection. The central theme is how the body systems work together to maintain homeostasis and good health. The systems are studied as “parts of a whole,” working together to keep the amazing human machine functioning at an optimal level. Students design experiments, investigate the structures and functions of body systems and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions and respiratory operation. Students work through interesting real-world cases and play the role of biomedical professionals to solve medical mysteries.
*Note: the Pierce County Skills Center offers a program that may be of interest to you: Medical Careers. Please see the Pierce County Skills Center section of this guide for more information.
Medical Interventions (CTF 267/268)
Grade Level: 11, 12
Credit: Occupational/CTE, Science, Health, Lab Science or Elective 1.0 NCAA approved
Prerequisite: Successful completion of Biology or Principles of the Biomedical Sciences
Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a “How-To” manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.

Biomedical Innovation (CTF 269/270)
Grade Level: 12
Credit: Occupational /CTE, Health, Lab Science Elective 1.0 NCAA approved
Prerequisite: Medical Interventions
In this course students explore the diverse fields of biotechnology. Hands-on projects engage students in engineering design problems related to biomechanics, cardiovascular engineering, genetic engineering, tissue engineering, biomedical devices, forensics and bioethics. Students apply biological and engineering concepts to design materials and processes that directly measure, repair, improve and extend living systems.

CTE: Science and Natural Resources

Conservation/Wildlife Biology 1 (CTN 101)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Science or Elective .5
Students will be introduced to a variety of environmental and conservation concepts. Management and the understanding of natural resources will provide learning experiences, which encourage students to further, pursue vocational, scientific and resource management studies. Topics include wildlife, ecology, habitat, ethics and fisheries. These are presented with an emphasis on critical thinking, decision-making based on scientific data, and making responsible, ethical choices. Careers are also explored. Local and statewide projects are undertaken, working with the Department of Fish & Wildlife. The Rocky Mountain Elk Foundation, Missoula, Montana, in partnership with the High Schools for Habitat program sponsors Bethel High School. *Note: the Pierce County Skills Center offers a program that may be of interest to you: AP Environmental Science.

Conservation/Wildlife Biology 2 (CTN 102)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Science or Elective .5
College Credit may be available; see note at beginning of Career/Technical Education Section - Fees may apply
Prerequisite: successful completion of Conservation/Wildlife Biology
Students will continue to explore a variety of environmental and conservation concepts. Management and the understanding of our natural resources will provide learning experiences, which encourage students to further pursue vocational, scientific and resource management studies. Topics include: wildlife, ecology, habitat, ethics and fisheries. These are presented with an emphasis on critical thinking, decision-making based on scientific data and making responsible, ethical choices. Careers and Pre-Advanced Placement (post-secondary education) topics are also explored. Local and statewide projects are undertaken, working with the Department of Fish & Wildlife. Bethel High School is in partnership with the High Schools for Habitat program sponsored by the Rocky Mountain Elk Foundation, Missoula, Montana.
Landscape Management (CTN 103)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Science or Elective 0.5
Students are introduced to a combination of topics including class lectures on plant sciences, propagation, soils and growing materials. Students also become familiar with landscaping and planting techniques, pruning, as well as the operation and maintenance of equipment. Hands on activities include the upkeep and care of the BHS campus.

Greenhouse Management and Hydroponics (CTN 105)
Grade Level: 9, 10, 11, 12
Credit: Occupational/CTE or Science or Elective 0.5
This class will engage students through standard greenhouse planting techniques and explore the latest techniques used today in hydroponic growing systems. Soil-less growing techniques utilize Hydroponic, Aeroponic, Ebb and Flow systems and state of the art lighting equipment. Systems management, monitoring and analysis are used to create a high yield supercharged garden, which is the future of food production. Sales, marketing and record keeping help prepare students for skills required in the world of work.

CTE: Work Based Learning

Work Based Learning (WBL) (CTW 207/208) (Paid or unpaid)
Grade Level: 11, 12 repeatable
Credit: Occupational/CTE, Careers or Elective 0.5 for 180 work hours
Prerequisite: Students must have completed a qualifying class. Please see the Work-Based Learning Coordinator to verify completion of a qualifying class. Approval of Work-Based Learning Coordinator is required.
Students must be employed or have an unpaid internship arrangement and be 16 years old when they register for a work-based learning experience. A learning plan, agreement, application and documentation of new employee orientation are required. Assignments will assist students in developing those skills identified by business and industry as being important to employment. Some of the assignment topics include employability skills, business ethics, personal relations on the job and legal issues facing workers. Students must also be enrolled in or have taken a qualifying course (a concurrent or previously completed course that is related to the work experience.) Students must provide their own transportation to the work or intern site and employers must adhere to state and federal laws. Students must complete 180 hours of paid work for each 0.5 credit.

WBL School Office Assistant (CTB 307/308)
Grade Level: 11, 12 repeatable
Credit: Occupational/CTE or Elective 0.5
Prerequisite: Approval of Work-Based Learning Coordinator is required.
Students will have opportunities to apply learned skills in real work settings. Students choose the learning experience based on their career interests and goals. Students are required to complete 90 hours for 0.5 credits. Required student assignments assist students in developing those skills identified by business and industry as being essential to successful employment. Students must have good attendance and citizenship. Not eligible for Teaching Assistant.

WBL Computer Technician (CTW 213/214)
Grade Level: 11, 12 repeatable
Credit: Occupational/CTE or Elective 0.5
Prerequisite: Approval of Work-Based Learning Coordinator is required.
Students enrolled in the work-based learning technology support class will provide building technology support to teachers, students, and other building staff during their assigned class period. Students will work with and take direction from the building technology support team including the technology Teachers on Special Assignment (TOSAs), building technicians, and building administrative staff.
English Language Arts

**Standard Sequence**

- English Language Arts 9
- English Language Arts 10
- English Language Arts 11
- English Language Arts 12

**AP & Honors**

- Honors English Language Arts 9
- Honors English Language Arts 10
- AP English Language & Composition (11th)
- AP English Literature & Composition (12th)

**Electives**

- Speech/Debate
- Journalism
- English Language Arts Reading Lab
- Yearbook

**NCAA Approved English Language Art Courses**

- English Language Arts 9
- Honors English Language Arts 10
- Honors English Language Arts 11
- AP Language & Composition
- AP Literature & Composition
- English Language Arts 9
- English Language Arts 10
- English Language Arts 12
- Speech/Debate
- Journalism
**English Language Arts**

Each year students must take a full credit of English Language Arts from the course offerings found in the English Language Arts section.

**English Language Arts 9 (ENG 101/102)**
*Grade Level:  9*
*Credit:  English Language Arts 1.0  NCAA approved*
This year-long course focuses on integrating reading, writing, speaking and listening, and use of language. Students will examine a variety of literary and informational texts and authors, and reading instruction will allow students to cite textual evidence and determine main ideas and themes. Students will expand writing skills through practice on informative, explanatory, and argumentative texts, and will develop skills in organization and style. Students will also participate in a range of collaborative discussions, building on others’ ideas and clearly expressing their own. Students work toward meeting standard on the Common Core 9-10 grade specific standards. Completion of this course is required for graduation.

**Honors English Language Arts 9  (ENG 151/152)**
*Grade Level:  9*
*Credit:  English Language Arts 1.0  NCAA approved*
*Prerequisites: Program Placement*
This course meets the requirements of English Language Arts 9, but moves at a faster pace, asks students to think at greater depth and a higher level of complexity, and prepares students for additional honors and Advanced Placement program offerings. Highly capable students are automatically enrolled at this grade level. Students work toward demonstrating mastery of the Common Core 9-10 grade specific standards.

**English Language Arts 10  (ENG 201/202)**
*Grade Level:  10*
*Credit:  English Language Arts 1.0    NCAA approved*
This year-long course emphasizes further development of reading, writing, speaking and listening, and use of language. Students will examine a variety of significant literary and informational texts and authors, and reading instruction will allow students to comprehend and analyze more complex texts independently and proficiently. Students will strengthen their ability to write clear claims, use valid reasoning and sufficient evidence in their writing, as well as write explanatory texts to examine complex ideas and concepts. Both collaboratively and individually, students will apply knowledge of language to understand how language functions in different contexts and to make effective choice for meaning and style. Students work toward meeting standard on the Common Core 9-10 grade specific standards. Completion of this course is required for graduation.

**Honors English Language Arts 10   (ENG 251/252)**
*Grade Level:  10*
*Credit:  English Language Arts 1.0    NCAA approved*
This course is designed to prepare committed and motivated English students for entry into Advanced Placement English courses at the junior and senior levels. Students must possess a strong work ethic and positive attitude toward rigorous learning. The course meets the requirements of English Language Arts 10, but moves at a faster pace and asks students to think at greater depth and a higher level of complexity. Students work toward demonstrating mastery of the Common Core 9-10 grade specific standards.

**English Language Arts 11  (ENG 301/302)**
*Grade Level:  11*
*Credit:  English Language Arts 1.0   NC AA approved*
This year-long course emphasizes sophisticated development of reading, writing, speaking and listening, and use of language. Students will read literary and informational texts of increasing complexity with greater independence, with deliberate examination of seventeenth, eighteenth and nineteenth century foundational documents of historical and literary significance. With increasing independence, students will develop confidence in expressing their own arguments and sharing research. Students will write synthesized arguments, using multiple sources to write more sophisticated claims, use more complex logical structures, and varied evidence. They will conduct short and sustained research, developing a capacity to evaluate sources and analyze more substantive topics. Students work toward meeting standard on the Common Core 11-12 grade specific standards.
Advanced Placement English Language and Composition (ENG 462/463)

Grade Level: 11
Credit: English Language Arts 1.0  NCAA approved
Prerequisite: Successful completion of Communication Arts 10 or Honors Communication Arts 10

This year-long, college level course requires a commitment to rigorous thinking and a vigorous work load. A course focused on the study of rhetoric, students will become skilled readers of print and non-print texts produced in a variety of time periods, disciplines, and rhetorical contexts. Students will focus on the interaction between a writer’s purpose, audience expectations, and subject matter, and analyze how text structure supports meaning. Students will write sophisticated rhetorical analyses, complex inductive and deductive arguments, and evaluate and synthesize various sources for research writing. Completion of the Advanced Placement Exam is required.

English Language Arts 12 (ENG 401/402)

Grade Level: 12
Credit: English Language Arts 1.0  NCAA approved

This year-long course emphasizes career and college readiness in reading, writing, speaking and listening, and use of language. Students will read works of exceptional craft and thought that serve as models for students’ own thinking and writing with greater independence and flexibility. They will demonstrate their ability to examine of seventeenth, eighteenth and nineteenth century foundational documents of historical and literary significance, including how two or more texts from the same period treat similar themes or topics. Students will contribute meaningfully to a variety of collaborative structures, developing adaptability in various situations. Students will write routinely over short and extended time frames for a range of increasingly complex writing tasks, purposes, and audiences, and will be required to gather relevant evidence from multiple authoritative sources. An extended research paper is required. Students work toward meeting standard on the Common Core 11-12 grade specific standards.

Advanced Placement English Literature and Composition (ENG 460/461)

Grade Level: 12
Credit: English Language Arts 1.0  NCAA approved
Prerequisite: Successful completion of Communication Arts 11 or AP English Language and Composition.

This year-long, college level course requires a commitment to rigorous thinking and a vigorous work load. A course focused on the study of poetry and prose, students will engage in the careful reading and analysis of imaginative literature from a variety of time periods and genres. Students consider a work’s structure, style, and universal themes as well as elements such as the use of figurative language, imagery, symbolism, and tone, and will analyze how these elements work together to create meaning and significance. Completion of the Advanced Placement Exam is required.

Bridge to College English (ENB 401/402)

Grade Level: 12
Credit: English Language Arts 1.0

This course is designed for Seniors who score a 2 on the Smarter Balanced 11th grade assessment in ELA. This course will develop students’ college and career readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use. Students will read complex nonfiction and fiction texts focusing on issues of both current and enduring importance. Students will learn to evaluate the credibility of information, critique others’ opinions, and construct their own opinions based on evidence. Beginning in fall 2016 students who have passed the course (with a B or higher) will be considered college-ready by the majority of colleges in Washington and permitted to enroll in college-level English courses without additional placement testing.

Journalism (ENG 203/204)

Grade Level: 9, 10, 11, 12 repeatable
Credit: English Language Arts, or Elective 0.5  NCAA approved

Newspaper and magazine writing as well as broadcasting journalism are included. Students study the process of collecting, writing, editing and publishing news and information. This class is recommended for students interested in working on the school newspaper, yearbook, or video productions.
Speech/Debate (ENG 253/254)
Grade Level: 9, 10, 11, 12 repeatable
Credit: English Language Arts, or Elective 0.5  NCAA approved
Students will prepare and present a variety of speeches for various purposes including informative and persuasive styles. Contest speech opportunities will be available. Debate activities will include research and preparation on both sides of current issues.

Non-Departmental Electives

Freshman Seminar  (GEN 105/106)
Grade Level: 9  Credit: Elective .05
Freshman Seminar is a one-semester, elective course that offers ninth graders some important keys to high school success. This pass/fail course will offer students instruction in study skills, organization strategies, goal setting and time management techniques. It will introduce freshmen to the culture of their specific high school focusing on the traditions activities, and services available. Students will work on high school planning, and explore post-secondary career options. Students will have one-on-one conference time with the teacher throughout the semester.

Journalistic Writing  (GEN 201/202)
Grade Level: 9, 10, 11, 12  Credit: Elective 1.0 (repeatable)
Prerequisite: Application, interview and/or advisor recommendation.
Students in this course are responsible for the production of the school newspaper. Staff members are selected by an application and interview process. Students gain experience in writing, editing, design, layout and photography. Meeting deadlines and a willingness to work outside of the regular school day are required. In addition, students will participate in selling advertising and designing ads for local businesses. Students will develop leadership and cooperative skills as they work in this production class. Students have the opportunity to compete at the state and national levels while working on a student produced newspaper. Students may be required to work after school to meet deadlines.

Leadership  (GEN 203/204)
Grade Level: 9, 10, 11, 12 repeatable  Credit: Elective 0.5  Prerequisite: Teacher approval
This class provides school service through participation in activities. Learning includes group dynamics, decision-making, getting organized, developing positive self-image, improving communication, conducting effective meetings and producing creative visuals. This class is designed for ASB officers, club officers, natural helpers, cheerleaders and others interested in school leadership roles. Students are required to attend activities outside of class time.

English Language Arts/Reading Lab  (ENG 117/118)
Grade Level: 9, 10, 11, 12 repeatable  Credit: Elective 0.5
Students will gain reading skills necessary to meet the reading requirements of high school courses. Students will focus on specific reading skills such as fluency, vocabulary, critical thinking and comprehension.

English Language Arts/Writing Lab  (ENG 119/120)
Grade Level: 9, 10, 11, 12 repeatable  Credit: Elective 0.5
Students will gain writing skills necessary to meet the writing requirements of high school courses. Students will focus on Six + 1 Traits of writing, writing in a variety of genres and writing for a variety of purposes.

The Elective course listed below is offered through the Career and Technical Education Department. Please see the CTE section beginning at page 16.

Yearbook Technology  (CTT 351/352)
Grade Level: 9, 10, 11, 12  Credit: Occupational or Elective 1.0  Prerequisite: Application, interview and/or advisor recommendation.
Health & Physical Education

All students must complete 2.5 credits as follows to graduate from high school:

- 0.5 Health
- 1.5 Physical Education
- 0.5 choice of either Health or Physical Education

Courses that Satisfy the .5 Health Course Requirement

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<td>Child Development/Parenting 1 (CTF 205/206)</td>
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Introduction to Health & Fitness (HEF 111/112)

*Grade Level:* 9, 10, 11, 12. *(This course is required for grad year 2018 or later.)*

*Credit:* Health, Physical Education, or Elective 0.5

*This course is a prerequisite for physical education courses.*

This class is an introductory course designed to promote lifetime fitness. Students will understand the five components of fitness and perform various activities to enhance their fitness levels in all five areas. Fitness assessments will be administered and evaluated throughout the semester. Students will understand elements of nutrition, safety and basic anatomy and physiology.

Health (HEF 215/216)

*Grade Level:* 9, 10, 11, 12.

*Credit:* Health or Elective 0.5

Students learn the importance of total health/wellness by studying the mental, physical and social aspects of healthy lifestyles. Topics include the nervous system, alcohol and drug abuse, nutrition, eating disorders, fitness and stress management.

Aerobics (HEF 105/106)

*Grade Level:* 9, 10, 11, 12 *(repeatable)*

*Credit:* Physical Education, or Elective 0.5

*Prerequisite:* Introduction to Health & Fitness

Aerobics is designed to create a satisfactory level of physical fitness, improve the cardiovascular system, and promote well-being. Aerobic activities such as floor exercises, speed walking, step aerobics, cardio flex, running and hand weights are used.
Advanced Aerobics (HEF 361/362)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Physical Education or Elective 0.5
Prerequisite: Must be currently enrolled or have already taken Introduction to Health & Fitness and have received a "C" or better in Aerobics (HEF105/106).
This course is designed for both male and female students who are interested in a regimen of aerobic exercise at an intermediate to advanced level. This course will focus on criteria essential to establishing and maintaining one’s lifelong fitness abilities through step aerobics, interval training and other aerobic activities. It will include nutrition and wellness techniques to further a healthy lifestyle. Students should expect the class to be at a much faster and strenuous pace than regular aerobics.

Field/Court Sports (HEF 205/206)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Physical Education, or Elective 0.5
Prerequisite: Must be currently enrolled or have already taken Introduction to Health & Fitness.
This program is designed to maintain one’s physical conditioning through the use of individual and team activities. Diverse activities will include racquet sports, indoor and outdoor games and days geared toward improving cardiovascular endurance. Activity choices will depend on enrollment, weather and facilities. Individual skills and team concepts will be developed in court games such as tennis, badminton, pickle ball, volleyball and basketball. Fitness testing will be conducted each semester.

Weight Training (HEF 207/208)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Physical Education, or Elective 0.5
Prerequisite: Must be currently enrolled or have already taken Introduction to Health & Fitness.
This course helps students develop an individual program to fit his/her own needs. Students work toward improved free weight techniques, increased flexibility and speed development.

Advanced Weight Training (HEF 251/252)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Physical Education, or Elective 0.5
Prerequisite: Must be currently enrolled or have taken Introduction to Health & Fitness and Weight Training (HEF207/208)
This course focuses on serious weight lifters. Activities are designed toward athletic training needs. Bench, squat, dead lift and power cleans are requirements.

Conditioning (HEF 103/104)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Physical Education, or Elective 0.5
Prerequisite: Must be currently enrolled or have already taken Introduction to Health & Fitness.
This course is designed to teach student’s techniques in developing muscular strength endurance, as well as aerobic conditioning. Weight training alternated with cardiovascular conditioning is the hallmark of this course. Cardiovascular conditioning will consist of running and recreational activities. Students will be taught the proper principles of training and how these principles relate to conditioning. Students are encouraged to develop their own lifetime fitness goals. Fitness testing will be conducted each semester.

Advanced Conditioning (HEF 252/253)
Grade Level: 9,10, 11, 12
Credit: Physical Education, or Elective 0.5
Prerequisite: Must be currently enrolled or have already taken Introduction to Health & Fitness and Conditioning (HEF 103/104)
This course is designed to teach students advanced techniques in developing muscular strength endurance, as well as aerobic conditioning. Weight training alternated with cardiovascular conditioning is the hallmark of this course. Cardiovascular conditioning will consist of running and recreational activities. Students will be taught the proper principles of training and how these principles relate to conditioning. Students are encouraged to develop their own lifetime fitness goals. Fitness testing will be conducted each semester.
Anatomy & Physiology (SCI 359/360)  
Grade Level: 11, 12  
Credit: Lab Science, Health or Elective 1.0  
NCAA approved  
Prerequisite: Biology with a grade of C or teacher recommendation  
Human anatomy and physiology is an elective course for students with a special interest and high motivation for an in-depth study of human structures and function. The course integrates biology and chemistry using unifying concepts. Topics include the muscular, nervous, digestive, respiratory, circulatory excretory, endocrine and reproductive systems and genetics.

The Health & Physical Education courses listed below are offered through the Career and Technical Education Department. Please see the CTE section beginning on page 16.

Nutrition and Fitness (CTF 401/402)  
Grade Level: 9, 10, 11, 12  
Credit: Health, Physical Education, Occupational or Elective 1.0  
Prerequisite: Teacher permission.

Intro to Medical Careers 1 (CTF 209/210)  
Grade Level: 9, 10, 11, 12  
Credit: Health, Occupational, or Elective 0.5

Intro to Medical Careers 2 (CTF 261/262)  
Grade Level: 9, 10, 11, 12  
Credit: Science, Health, Occupational, or Elective 0.5  
Prerequisite: Successful Completion of Health Sciences 1

Sports Medicine (CTF 211/212)  
Grade Level: 10, 11, 12  
Credit: Occupational, Health, or Elective 1.0  
Prerequisite: Successful completion of Health Sciences 1

Applied Anatomy & Physiology (CTF 215/216)  
Grade Level: 11, 12  
Credit: Health, Occupational, Lab Science or Elective 1.0  
NCAA approved  
Prerequisite: Successful completion of Health Sciences 2 or instructor permission.

Child Development/Parenting 1 (CTF 205/206)  
Grade Level: 9, 10, 11, 12  
Credit: Occupational, Health, or Elective 0.5

Child Development/Parenting 2 (CTF 255/256)  
Grade Level: 9, 10, 11, 12  
Credit: Occupational, Health, or Elective 0.5

Personal Relations (CTF 301/302)  
Grade Level: 9, 10, 11, 12  
Credit: Occupational, Health, or Elective 0.5

Army JROTC  
Grade Level: 9, 10, 11, 12 @ GKHS  
Year 1 (GEN 207/208) Year 2 (GEN 251/25A) Year 3 (GEN 252/25B) Year 4 (GEN 253/25C)  
Credit: Physical Education, Occupational, or Elective 1.0 - Fees may apply  
Prerequisite: You must be currently enrolled or have already taken a .5 Health Course

Air Force JROTC  
Grade Level: 9, 10, 11, 12 @ BHS  
Year 1 (GEN 209/210) Year 2 (GEN 254/25D) Year 3 (GEN 260) Year 4 (GEN 256/25F)  
Credit: Physical Education, Occupational, CTSS 252 World Studies 1.0 or Elective 1.0 - Fees may apply  
Prerequisite: You must be currently enrolled or have already taken a .5 Health Course

Navy JROTC  
Grade Level: 9, 10, 11, 12 @ SLHS  
Year 1 (GEN 211/212) Year 2 (GEN 257/25G) Year 3 (GEN 258/25H) Year 4 (GEN 259/25I)  
Credit: Physical Education, Occupational, Elective - Fees may apply  
Prerequisite: You must be currently enrolled or have already taken a .5 Health Course
Mathematics

All students are required to earn 3.0 math credits. Listed below are the minimum required courses for graduation.
Students who took any of these courses in 7th or 8th grade have the option of requesting that they be put on their transcript or may take advanced level mathematics to meet the 3.0 credit requirement.

Algebra 1 (MTH 103/104)
Grade Level: 9, 10, 11, 12  Credit: Mathematics 1.0  NCAA approved
This course engages students in the Common Core Mathematical Practices—especially problem solving and argumentation—as a means to interpret, build, and apply functions (including linear, exponential, quadratic, and other simple polynomials). Students learn to represent and solve problems with tables, graphs, equations and diagrams. This course is strongly aligned with Common Core State Standards for Mathematics Content and Practices, and it prepares students for the state Algebra 1 End of Course test.

Intensified Algebra (MTH 121/122)
Grade Level: 9, 10  Credit: Mathematics 103/104 Algebra 1.0 & Mathematics Lab 101/102 1.0
Prerequisite: Placement in is based on student need with teacher approval. NCAA Approved.
Intensified Algebra strengthens student foundations of Algebra, then proceeds into the core topics of Algebra 1: linear, exponential and quadratic functions. Students learn to represent and solve problems with tables, graphs, equations and diagrams. Intensified Algebra also teaches students about the changeable nature of their intelligence, and that effective effort increases their persistence, skill, and knowledge. This course is strongly aligned with Common Core State Standards for Mathematics Content and Practices, and it prepares students for the state Algebra 1 End-of-Course

Geometry (MTH 151/152)
Grade Level: 9, 10, 11, 12  Credit: Mathematics 1.0
Prerequisite: Algebra 1 / Applied Algebra with C or better or teacher approval. NCAA approved
This Geometry course is founded on transformational definitions of congruence, similarity, and symmetry. Students are engaged in the Common Core Mathematical Practices—especially problem solving and argumentation—as a means to understand, prove, and apply the foundations of Geometry to figures in the coordinate plane and the real world. Students learn to select and use a wide range of tools for geometric investigation. This course is strongly aligned with Common Core State Standards for Mathematics Content and Practices, and it prepares students for the state Geometry test.

Geometry/Advanced Algebra (MTH 155/156)
Grade Level: 9, 10  Credit: Mathematics 1.0
Prerequisite: Algebra. NCAA approved
This course is strongly aligned with Common Core State Standards for Mathematics Content and Practices for Geometry and Advanced Algebra. It will cover the essential content and skills to prepare students for advanced coursework using classroom and at home and online learning. Extensive work will be required outside the classroom.

Advanced Algebra (MTH 253/254)
Grade Level: 9, 10, 11, 12  Credit: Mathematics or Elective 1.0
Prerequisite: Algebra I, Applied Algebra with C or better or teacher approval. NCAA Approved
Advanced Algebra deepens the work of Algebra 1—interpreting, building, and applying functions. Common Core Mathematical Practices such as problem solving, reasoning, and modeling are used with the complex number system and with new function types (rational and trigonometric). The Math Practices are also used for interpreting and drawing inferences from data. This course is aligned with Common Core State Standards for Mathematics Content and Practices, and it prepares students for the Common Core 11th grade mathematics test.
Bridge to College Math  (MTB 401/402)

*Grade Level: 12  Credit: Mathematics or Elective 1.0*

The Bridge to College Mathematics course is a math course for Seniors who score a 2 on the Smarter Balanced 11th grade assessment. The course curriculum emphasizes modeling with mathematics and the CCSS Standards for Mathematical Practice. Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. Beginning in fall 2016 students who have passed the course (with a B or higher) will be considered college-ready by the majority of colleges in Washington and permitted to enroll in college-level math courses (Non-Calculus/STEM pathways) without additional placement testing.

**Advanced Level Mathematics**

The following courses are advanced level and similar to college level courses. It is recommended that students take at least one of these courses if they plan to attend a four-year college or university. Students who took Algebra and/or Geometry in 7th and 8th grade may use these courses to meet their 3 high school credits.

**Statistics/Probability  (MTH 321/322)**

*Grade Level: 12  Credit: Elective 1.0  NCAA approval has been requested.*

*Prerequisite: Advanced Algebra with a “C” or better or teacher approval*

This Course is designed to introduce statistical thinking. The focus of this class is on statistical ideas and reasoning, and on its relevance to such fields as medicine, education, environmental science, business, psychology, sports, politics, and entertainment. Activities, applications, and data explorations give students an opportunity to investigate, discuss, and make use of statistical ideas and methods. This class invites discussion and even argument about statistical ideas rather than focus exclusively on computation (though some computations remain essential). Students who take this course will use technology, such as, TI graphing calculators, statistical software packages, and internet resources. Some major assignments in this course include designing and implementing a statistical survey/observational survey and designing and analyzing games of chance. By the end of this course, students will have a working knowledge of the ideas and tools of practical statistics.

**Advanced Placement Statistics  (MTH 461/462)**

*Grade Level: 10, 11, 12  Credit: Mathematics, or Elective 1.0  NCAA approved*

*Prerequisite: Advanced Algebra or Applied Math 3 with a “C” or better or teacher approval*

This course is a rigorous, college level course and requires higher levels of thinking and workload. This course is recommended for those students pursuing college studies in the social science, medicine, psychology, business, humanities and education. This course focuses on the following four content areas for statistics: exploratory data analysis, data collection, probability and statistical inference. Students must have a graphing calculator capable of advanced statistical analysis (TI-83 strongly recommended). Completion of the Advanced Placement Exam is required.

**Pre-Calculus  (MTH 251/252)**

*Grade Level: 9,10, 11, 12  Credit: Mathematics, or Elective 1.0  NCAA approved*

*Prerequisite: Advanced Algebra with a grade of a “C” or better or teacher approval*

This course will emphasize functions algebraically and graphically. Linear, polynomial, exponential, logarithmic models will be applied to the real world. Additional topics may include matrices, vectors, parametric equations, polar coordinates and limits. Graphing calculators are used throughout the course to visualize, verify and analyze problem solving strategies and solutions (TI-83 strongly recommended).
Advanced Placement Calculus AB (MTH 463/464)
Grade Level: 11, 12  Credit: Mathematics, or Elective 1.0  NCAA approved
Prerequisite: Pre-Calculus with a grade of a “C” or better or teacher approval.
This course is a rigorous, college level course and requires higher levels of thinking and workload. This course is recommended for students who intend to study engineering, sciences, business or who want a deeper understanding of math. Students must have their own graphing calculator (TI-83 calculator strongly recommended). Completion of the Advanced Placement Exam is required.

Advanced Placement Calculus BC (MTH 465/466)
Grade Level: 11, 12  Credit: Mathematics, or Elective 1.0  NCAA approved
Prerequisite: AP Calculus AB
AP Calculus BC is a continuation of AP Calculus AB for students preparing to take the Calculus BC exam in May.
The course reviews all of the Calculus AB topics and covers parametric, polar and vector functions with their application in differential and integral calculus, slope fields, Euler’s Method, L’Hopital’s Rule to determine limits and convergence of improper integrals and series, antiderivatives by substitution with change of limits, by parts and simple partial fractions. The exploration of polynomial approximations and series convergence or divergence is a large part of the class. A graphing calculator is required. Completion of the Advanced Placement Exam is required.
Elective Courses with Math Emphasis (not for math credit)

The following courses have math content, but only count for elective credit and do not count towards the 3 required math credits.

Math Lab: Collection of Evidence (MTH 303/304)
Grade Level: 11, 12
Credit: Elective 0.5 Repeatable
Students will review essential math skills assessed on the state End-of-Course Algebra and/or End-of-Course Geometry test. Students will complete tasks that will be used to develop a Collection of Evidence in Algebra and/or Geometry. Students who have taken the End-of-Course test in the prior year will submit their Collection of evidence to the state for scoring. Collections that meet standard from the state will count towards meeting the state assessment requirement in math.

Math Lab (MTH 101/102)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Elective 0.5
Students will gain math skills necessary to meet the math requirements of high school courses.

The Math courses listed below are offered through the Career and Technical Education Department. Please see the CTE section beginning on page 16.

Accounting 1&2 (CTB 201)
Grade Level: 9, 10, 11, 12
Credit: Occupational, Elective 1.0
College Credit Available

Accounting 3 & 4 (CTB 361)
Grade Level: 10, 11, 12
Credit: Occupational, Elective 1.0
Prerequisite: Successful Completion of Accounting 1&2
College Credit Available

Financial Fitness (CTB 305/306)
Grade Level: 11, 12
Credit: Occupational, Elective 1.0, Math Elective 1.0
Prerequisite: Successful completion of Algebra 1 or Applied Algebra 1.

Principles of Engineering (CTM 259/25C)
Grade Level: 10, 11, 12
Credit: Occupational, or Elective 1.0
Prerequisite: Successful Completion of Intro to Engineering Design.
College Credit Available (through testing)

Applied Math (CTM 279/280)
Grade Level: 9, 10, 11, 12
Credit: Mathematics, Occupational or Elective 1.0
Prerequisite: Algebra 1 / Applied Algebra with C or better or teacher approval
### Science

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th Grade</td>
<td>Physical Science</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Biology or Honors Biology</td>
</tr>
</tbody>
</table>

### Advanced Placement

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>AP Biology</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>AP Physics 1, 2, C</td>
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</tbody>
</table>

### Algebra-Based Lab (WA 4-Year Colleges)

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
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<tbody>
<tr>
<td>Chemistry</td>
<td>AP Physics 1, 2</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>AP Physics C</td>
</tr>
<tr>
<td>AP Computer Science (12th grade)</td>
<td>Physics</td>
</tr>
</tbody>
</table>

### NCAA Approved Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
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<tbody>
<tr>
<td>Physical Science</td>
<td>Physics</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Applied Anatomy &amp; Physiology</td>
</tr>
<tr>
<td>Honors Biology</td>
<td>Environmental Science</td>
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<tr>
<td>Anatomy &amp; Physiology</td>
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<tr>
<td>Zoology</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>Earth Science</td>
<td>AP Physics 1, 2</td>
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<tr>
<td>Marine Biology</td>
<td>AP Biology</td>
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<tr>
<td>Biology</td>
<td>AP Environmental Science</td>
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<td>AP Physics C</td>
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### Additional Science Courses

<table>
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<tr>
<th>Course</th>
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<tr>
<td>Health Sciences 2</td>
<td>Landscape Management</td>
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<tr>
<td>Greenhouse Management</td>
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<tr>
<td>Conservation &amp; Wildlife Biology 1</td>
<td></td>
</tr>
<tr>
<td>Conservation &amp; Wildlife Biology 2</td>
<td></td>
</tr>
</tbody>
</table>
Physical Science (SCI 101/102)

Grade Level: 9
Credit: Lab Science 1.0  NCAA Approved

This course engages and prepares students to: (1) be science-literate citizens; (2) meet WA State graduation requirements; (3) pursue additional courses and careers in the Sciences (Physical, Earth, Life); and (4) use and enhance their mathematical skills (measurement, number & operation, data analysis, algebra). Throughout the course, students will use the practices of Scientific Inquiry and Engineering (WA INQ and APP standards) to study Physical Science. Inquiry practices will include controlled experiments and systematic observation; Engineering practices will include scientific problem-solving and design. One semester will focus on fundamentals of Physics (WA PS1 standard), and one semester on fundamentals of Chemistry (WA PS2), while concepts of Energy (PS3) and Systems (SYS) will be embedded in both semesters. Note: Concepts of Systems, Inquiry, and Application (SYS, INQ, APP) will be continued in Biology, and will constitute approximately half of the WA State Biology “End-of-Course” exam (required for graduation, beginning in 2015).

Biology (SCI 205/206)

Grade Level: 10, 11, 12 (9th Grade with school approval)
Credit: Lab Science 1.0  NCAA Approved

This course engages and supports students working toward their immediate and long-term goals:

- Becoming science-literate citizens
- Meet WA State graduation requirements
- Pursue additional courses and careers in Life Science (e.g. Environmental Science, Biotechnology, Forensics, Anatomy & Physiology)
- Appreciate the diversity, complexity, and importance of living systems on our planet.

Students will practice Scientific Inquiry and Biological Problem-Solving (WA INQ and APP standards) to study Biological Systems (WA SYS standards). Concepts of Energy (PS3) and Matter (PS2) studied in Physical Science will be applied to cellular and bio-molecular studies of organisms (LS1), ecosystems (LS2), and genetic change (LS3). Note: Beginning in 2011-12, all Biology students will take the WA State Biology “End-of-Course” exam. This exam is required for graduation, beginning in 2015. About half of the exam will cover concepts in Life Science Standards (LS1, LS2, LS3); the other half will assess concepts of Systems, Inquiry, and Application (SYS, INQ, APP). Bethel SD courses will include special practice and support for students to get comfortable with the format, style, and content of the Biology End-of-Course exam. Students study the relationship of living organisms to each other and the non-living world. Topics include nature and the continuity of life, plants and animals, cellular biology, photosynthesis and respiration, genetics, microbial life, ecological relationships in nature and other related science topics. Students are working toward meeting standard on the Content Level Expectations in science for biology.

Biology Lab: Collection of Evidence (SCI 207/208)

Grade Level: 10, 11, 12
Credit: Lab Science or Elective 1.0
Prerequisite: Teacher recommendation.

Students will review essential science content and practices assessed on the Biology End-of-Course test. Students will complete Inclusion Tasks that will be used to build a Collection of Evidence for biology. Students who have taken the End-of-Course test in the prior year will submit their Collection of Evidence to the state for scoring and Collections that meet standard will count towards meeting the Biology End-of-course requirement.

Advanced Placement Biology (SCI 461/462)

Grade Level: 11, 12
Credit: Lab Science or Elective 1.0  NCAA Approved
Prerequisite: Biology with a grade of “C” or teacher recommendation.

This course is a rigorous, college level course and requires higher levels of thinking and workload. Completion of the Advanced Placement Exam is required. This is a one-year college prep and biology course. Study includes genetics, DNA, human anatomy and physiology, bacteriology, energetics, botany and ecology. Self-directed study will be required. Completion of the Advanced Placement Exam is required.
Chemistry (SCI 353/354)

Grade Level: 10, 11, 12
Credit: Lab Science 1.0  NCAA approved

Prerequisite: Algebra and Geometry being taking concurrently with Chemistry

This course engages and prepares students to: (1) be science-literate citizens; (2) meet College Board standards in Chemistry; (3) pursue additional HS and college courses and careers in the Sciences (Physical, Earth, Life); and (4) use, apply, and continue to develop their mathematical skills in scientific contexts (measurement, number & operation, data analysis, algebra). Chemistry will build on the knowledge and experience gained by students in Physical Science and Biology—a deeper study of matter and energy at the atomic and visible levels. Throughout the course, students will continue using and developing Scientific Inquiry and Problem-Solving Practices (WA INQ and APP standards) to study Chemistry. Note: A variety of mathematical skills and concepts are used in Chemistry. While it is assumed that students have had experience in measurement, number, data analysis, ratio & proportion, and algebra, it is also assumed that using these skills in Chemistry will present new challenges. Students who are willing to work hard on learning to use mathematics in this course will develop both their mathematical abilities and their understanding of Chemistry.

Advanced Placement Chemistry (SCI 463/464)

Grade Level: 11, 12
Credit: Algebra Based Lab Science or Elective 1.0  NCAA approved
Prerequisite: Chemistry with “C” or better or teacher permission.

This course is an extended study of the concepts introduced in Chemistry, including thermodynamics and equilibrium. Completion of the Advanced Placement Exam is required.

Physics (SCI 355/356)

Grade Level: 10, 11, 12
Credit: Lab Science 1.0  NCAA Approved
Prerequisite: Algebra and Geometry being taking concurrently with Physics.

This course engages and prepares students to:
- Be science-literate citizens
- Pursue additional HS and college courses and careers in the Sciences (Physical, Earth, Life)
- Use, apply, and continue to develop their mathematical skills in scientific contexts
  (Measurement, number and operation, data analysis, algebra).

Physics will build on the knowledge and experience gained by students in Physical Science and Chemistry—using algebra to analyze force, motion, energy, waves, electromagnetism, etc. Throughout the course, students will use Scientific Inquiry and Engineering Practices to construct their understanding of concepts in Physics. Note: A variety of mathematical skills and concepts are used in Physics. While it is assumed that students have had experience in measurement, number, data analysis, ratio & proportion, and algebra, it is also assumed that using these skills in Physics will present new challenges. Students who are willing to work hard on learning to use mathematics in this course will develop both their mathematical abilities and their understanding of Physics.

Advanced Placement Physics 1 (SCI 465/466)

Grade Level: 10, 11, 12
Credit: Algebra Based Lab Science or Elective 1.0  NCAA Approved
Prerequisite: “C” or better in mathematics through Advanced Algebra and recommendation of previous science teacher.

This course is a rigorous, college level course and requires higher levels of thinking and workload. This course uses algebra skills in the study of Newtonian mechanics (including rotational dynamics ad angular momentum); work, energy and power; mechanical waves and sound. It will also introduce electric circuits. Laboratory experiments and problem solving are emphasized in all units. The pace of this course is accelerated and the material is in greater depth, with more mathematical computation than in Physics.
**Advanced Placement Physics 2 (SCI 473/474)**

*Grade Level: 10, 11, 12*

*Credit: Algebra Based Lab Science or Elective 1.0  NCAA Approved*

*Prerequisite: “C” or better in mathematics through Advanced Algebra and recommendation of previous science teacher.*

This course is a rigorous, college level course and requires higher levels of thinking and workload. This course uses algebra skills in the study of fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Laboratory experiments and problem solving are emphasized in all units. The pace of this course is accelerated and the material is in greater depth, with more mathematical computation than in Physics.

**Advanced Placement Physics C (SCI 469/470)**

*Grade Level: 11, 12*

*Credit: Algebra Based Lab Science or Elective 1.0  NCAA Approved*

*Prerequisite: “C” or better in Pre-Calculus. Should have taken or be enrolled in AP Calculus.*

This course is a rigorous, college level course and requires higher levels of thinking and workload. This course uses calculus skills in the study of mechanics, electricity and magnetism. Laboratory experiments and problem solving are emphasized in all units. The pace of this course is accelerated with more mathematical computation than in Physics.

Completion of one of the Advanced Placement Physics Exams (1, 2, or C) is required.

**Anatomy & Physiology (SCI 359/360)**

*Grade Level: 11, 12*

*Credit: Lab Science, Health & Fitness, or Elective 1.0  NCAA Approved*

*Prerequisite: Biology with a grade of a “C” or teacher recommendation*

Human anatomy and physiology is an elective course for students with a special interest and high motivation for an in-depth study of human structures and function. The course integrates biology and chemistry using unifying concepts. Topics include the muscular, nervous, digestive, respiratory, circulatory, excretory, endocrine and reproductive systems and genetics.

**The Biology of Addiction and the Brain (SCI 369/370)**

*Grade Level: 11, 12*

*Credit: Lab Science or Elective 1.0  NCAA approved*

*Prerequisite: Biology with a grade of a “C” or better or teacher recommendation*

*University of Washington College Credit Available*

This class focuses on mood-altering drugs and considers how they work on molecules, cells, the brain, and behavior. This class will explore the effects of a range of mood-altering drugs to learn about brain structures, brain chemicals and genetic differences in people's response to drugs. By the end of this course, you will be able to think critically about claims, analyze, interpret, and extrapolate from data given, synthesize information, develop academic and professional habits of mind, understand addiction, understand factors that contribute to effects and side effects of a drug and evaluate safety of specific drugs for specific individuals.

**Earth Science (SCI 203/204)**

*Grade Level: 9, 10, 11, 12*

*Credit: Lab Science or Elective 0.5  NCAA approved*

*Prerequisite: None / Sophomores may only take this course if they are also taking Biology*

This course deals with the study of earth and the environment. Topics include meteorology and space in an activity-oriented program. Other areas of study include maps, gravity, weather, oceans, mountains, volcanoes, and geology. Laboratory experiments emphasize inquiry, discovery, and interpretation of student obtained data.
Marine Biology (SCI 365/366)
Grade Level: 11, 12
Credit: Lab Science or Elective 1.0 (.5 @ SLHS) NCAA approved
Prerequisite: Biology with a grade of a “C” or better or teacher recommendation
This is a course for those who want to know about the creatures that inhabit the Puget Sound. We start with understanding the oceans and move into studying the beach inhabitants.

Zoology (SCI 357/358)
Grade Level: 11, 12
Credit: Lab Science or Elective 1.0 (.5 @ SLHS) NCAA approved
Prerequisite: Biology with a grade of a “C” or better or teacher recommendation
This course is a survey of the animal kingdom, both vertebrates and invertebrates. Each of the major animal groups is covered with emphasis on structural and functional adaptations of representative forms together with ecological and evolutionary relationships.

Environmental Science (SCI 201/202)
Grade Level: 10, 11, 12
Credit: Lab Science or Elective 0.5 NCAA approved
Prerequisite: None
Sophomores may only take this course if they are also taking Biology
Students use the scientific method to explore and understand the environment. Topics include the effects of pollution, global warming, laboratory studies and student-centered projects.

Forensic Science (SCI 105/106)
Grade Level: 11, 12
Credit: Science or Elective 1.0
Prerequisite: Biology C or better
The Forensic science course is an introduction to the application of biological, chemical, and physical science principles and laboratory practices used in the study of justice of criminal and civil issues. Students will learn how to observe, collect, analyze and evaluate evidence found at crime scenes. Major themes of study in this course may include hair and trace analysis, fingerprinting, blood splatter, DNA analysis, toxicology, forensic anthropology and forensic entomology.
The Science courses listed below are offered through the Career and Technical Education Department. Please see the CTE section beginning on page 16.

**Applied Anatomy & Physiology (CTF 215/216)**  
Grade Level: 11, 12  
Credit: Health and Fitness, Occupational, Lab Science or Elective 1.0  
NCAA approved  
College Credit Available  
Prerequisite: Successful completion of Health Sciences 2 or instructor permission.

**Advanced Placement Environmental Science (CTN 401)**  
Grade Level: 11, 12  
Credit: Occupational, Science, or Elective 1.0  
NCAA approved  
Prerequisite: Successful completion of Biology with a grade of a “C” or better or teacher recommendation

**Advanced Placement Computer Science A (CTT 401/402)**  
Grade Level: 10, 11, 12  
Credit: Algebra Based Lab Science, Occupational/CTE or Elective 1.0  
Prerequisite: Successful Completion of Advanced Algebra with a "C" or better and successful completion of Programming or teacher permission

**Conservation/Wildlife Biology 1 (CTN 101)**  
Grade Level: 9, 10, 11, 12  
Credit: Occupational or Science or Elective .5  
Prerequisite: successful completion of Conservation/Wildlife Biology  
* Sophomores may only take this course if they are also taking Biology

**Greenhouse Management and Hydroponics (CTN 105)**  
Grade Level: 9, 10, 11, 12  
Credit: Occupational or Science or Elective 0.5

**Intro to Medical Careers 2 (CTF 261/262)**  
Grade Level: 9, 10, 11, 12  
Credit: Science, Occupational, or Elective 0.5  
Prerequisite: Successful Completion of Health Sciences 1

**Human Body Systems (CTF 221/222)**  
Grade level: 10, 11, 12  
Credit: Occupational, Science Elective, Elective 1.0  
NCAA approved

**Landscape Management (CTN 103)**  
Grade Level: 9, 10, 11, 12  
Credit: Occupational, Science, or Elective 0.5

**Principles of the Biomedical Sciences (CTF 219/220)**  
Grade level: 9, 10, 11, 12  
Credit: Occupational, Science Elective, Elective 1.0  
NCAA approved  
* Sophomores may only take this course if they are also taking Biology.
**Social Studies**

Students must earn 3.0 credits in social studies. Required social studies courses are:

- Washington State History and Government
- Economics
- US History
- World Studies/CWI
- Civics

Any student who transfers from another state having already successfully completed that state’s history will not be required to complete Washington State History and Government. A student may complete the Washington State History and Government in 7th or 8th grade to meet the requirement but will not receive the 0.5 high school credit.

**Economics (SST 101/102)**

*Grade Level: 9, 10, 11, 12*

*Credit: Social Studies or Elective 0.5 - NCAA Approved*

Economics focuses on Microeconomics and Personal Finance. Specific topics include, but are not limited to, economic systems and decision-making, business organizations, supply and demand, prices, market structures, wages and labor disputes, employment trends and issues, poverty and distribution of income, and personal finance.

**Honors Economics (SST 155/156)**

*Grade Level: 9, 10, 11, 12*

*Credit: Social Studies 0.5 - NCAA Approved*

This course meets the objectives of the economics course, while delving deeper into certain areas and expanding beyond in others, as it relates to the Honors curriculum.

**Advanced Placement Microeconomics (SST 475/476)**

*Grade Level: 10, 11, 12*

*Credit: Social Studies 1.0 - NCAA Approved*

This course is a rigorous, college level course and requires higher levels of thinking and workload. This fast paced course is designed to give students a foundation in microeconomic concepts including, but not limited to, the nature and functions of product markets (elasticity, marginality, supply, demand, monopoly, oligopoly, monopolistic competition), factors market (labor, income), market failures (externalities) and role of government (public goods, equity). Emphasis will be on the presentation of economic data in various modes. Completion of the Advanced Placement Exam is required.

**Advanced Placement Macroeconomics (SST 473/474)**

*Grade Level: 10, 11, 12*

*Credit: Social Studies 1.0 - NCAA Approved*

This course is a rigorous, college level course and requires higher levels of thinking and workload. This fast paced course is designed to give students a foundation in macroeconomic concepts including, but not limited to, macroeconomic issues business cycle, (unemployment, inflation, growth), measurement of economic performance, national income and price determination, financial sector (banks, money demand), stabilization policies (fiscal and monetary policies, supply and demand effects), international trade and finance. Emphasis will be on the presentation of economic data in various modes. Completion of the Advanced Placement Exam is required.

**World Studies (SST 207/208)**

*Grade Level: 9, 10, 11, 12*

*Credit: Social Studies 1.0 (0.5 @ SLHS) - NCAA approved*

World Studies is a combination of the study of world history and current world issues. The study of world history centers on investigating the events of the past and their effect on events today: i.e., ancient India, ancient China, rise of Islam, Europe since the Renaissance and Africa and Latin America since the postclassical period. The investigation of current world issues is dictated by events and issues that dominate world discourse: i.e., regional and world conflicts, environmental problems, world economy, human rights, population, etc. Upon completion of this course, students will have an understanding of the historical background and possible resolution of major current issues.
Advanced Placement World History  (SST 463/464)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. This course will cover global world history from approximately 1000 BC to the present with careful review of previous developments of the ancient era. Students will learn about the impact of interaction among societies (trade, systems of international exchange, war, and diplomacy); the impact of technology and demography on people and the environment; systems of social and gender structure; cultural and intellectual developments; and changes in functions and structures of states and in attitudes toward states and political identities, including the emergence of the nation state. Completion of the Advanced Placement Exam is required.

U.S. Studies  (SST 205/206)
Grade Level: 9, 10, 11
Credit: Social Studies 1.0 - NCAA approved
Students will examine basic features of United States history during the period of 1877 to the present. The catalyst for studying this period in United States history will be the themes of change, national identity, power, authority and governance and global connections. The course will include, but not be limited to, the following: industrialization, immigration, reform, World War I, depression and the New Deal, World War II, civil rights, the Vietnam War and world periods. Within this survey course considerable attention will be given to formation and development of geography competency skills, analyzing primary and secondary sources, bias detection, essay writing and presentation skills.

Honors U.S. Studies  (SST 251/252)
Grade Level: 10
Credit: Social Studies 1.0 - NCAA approved
Students will examine basic features of United States history during the period of 1877 to the present. The catalyst for studying this time in United States history will be the themes of change, national identity, power, authority and governance and global connections. Students will use the information to broaden their understanding of issues of the day. Participants will read appropriate literature, write analysis and research papers and develop presentation skills.

Advanced Placement U.S. History  (SST 471/472)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. Students will study a comprehensive survey of United States history from pre-colonial through the twentieth century. The course is designed to provide students with the analytic skills and factual knowledge to deal critically with the issues in United States history. Completion of the Advanced Placement Exam is required.

Advanced Placement European History  (SST 465/466)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. Students will study a comprehensive survey of European history. The course is designed to provide students with the analytic skills and factual knowledge to deal critically with the issues in history. Completion of the Advanced Placement exam is required.
Civics (SST 201/202)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 0.5 - NCAA approved
This course is designed to give students a foundation in local, state and federal political systems that include, but are not limited to, fundamentals of the United States Constitution; political processes and the separate functions of executive, legislative, and judicial branches of government; political culture; party systems; interest groups; bureaucracies; institutions (military, etc.); civil society; media roles; public policy (civil liberties, rights). Emphasis will be on the study of local government and factors influencing public policy making in the United States and other nations in the world.

Advanced Placement Government and Politics: U.S. (SST 467/468)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. Students will study American politics and the processes of government that help shape our public policies. This is a course about political science, theories, ideas, and knowledge that explains political behavior. It emphasizes analysis and an explanation of the abstract process of how government works. State or local government will not be included in this course, only the federal system. Completion of the Advanced Placement Exam is required.

Advanced Placement Government and Politics: Comparative (SST 469)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. This fast paced course is designed to give students a foundation in comparative governmental and political concepts that include, but are not limited to, sovereignty, authority, power, political institutions, civil society, media, political and economic change, and public policy in several select countries. Completion of the Advanced Placement Exam is required.

Contemporary World Issues (SST 401/402)
Grade Level: 12
Credit: Social Studies 0.5 - NCAA approved
This is the study of international, national and local issues through a lens that allows for respect and recognition of diversity. The issues of cultural ethnicity, sexism, discrimination, and global diversity are examined in economic, sociological, political and civic contexts.

Psychology (SST 303/304)
Grade Level: 9, 10, 11, 12
Credit: Social Studies or Elective 1.0 - NCAA approved
The purpose of this course is to introduce students to the study of behavior and mental processes of human beings and other animals. The course covers attitudes and social influence, stress, conflict and adjustment in society, personality theories, and psychological research.

Advanced Placement Psychology (SST 479/480)
Grade Level: 9, 10, 11, 12
Credit: Social Studies or Elective 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. This fast paced course is designed to give students a foundation in psychological concepts. Topics include, but are not limited to, an in-depth study of research methodology, biopsychology, developmental psychology, cognitive psychology, disorders, treatments and social/cultural psychology with particular attention to overall measurement tools. Completion of the Advanced Placement Exam is required.
Advanced Placement Human Geography (SST 481/482)

Grade Level: 9, 10, 11, 12
Credit: Social Studies or Elective 1.0 - NCAA approved
This course is a rigorous, college level course and requires higher levels of thinking and workload. This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organizations and their environmental consequences. Additionally, they are exposed to the methods and tools geographers use in their science and practice. Completion of the Advanced Placement Exam is required.

Sociology (SST 307/308)

Grade Level: 9, 10, 11, 12
Credit: Social Studies or Elective 0.5 - NCAA approved
Sociology is the study of human group behavior. Students will develop an understanding of citizenship through the study of social patterns and the nature of group dynamics.

Washington State History and Government (SST 107/108)

Grade Level: 9, 10, 11, 12
Credit: Social Studies 0.5 - NCAA Approved
During this semester course, students will learn about Washington State’s exploration, geography, native populations, fur trade, settlement, Indian wars, statehood, economics, government and the Washington State Constitution. This is a required course for graduation.
The following courses, using the curriculum and examinations offered by Cambridge University, are required of the students in the Cambridge Program at Bethel High School.

The Cambridge advanced level courses are equivalent to those of Advanced Placement (AP) and International Baccalaureate (IB). AICE not only prepares students to get into a university with up to 45 hours of college credit, but it also provides them with the skills required to be successful once there. Students also have an opportunity to earn the AICE (Advanced International Certificate of Education) Diploma through the Cambridge advanced level courses offered at BHS. The AICE Diploma is an award for the completion of a specific number and type of classes that are recognized at many universities throughout the US.

**Syllabus Descriptions**

**English Language Arts**

*Cambridge IGCSE English Language & Literature (9th grade) (ENG 161/162)*

This accelerated course combines two Cambridge IGCSE courses and is designed to enable students to communicate clearly, accurately and effectively in both speech and writing, as well as to read, interpret and evaluate texts through the study of literature in English. Students learn how to employ a wide range of written forms for a variety of purposes, develop a personal style and an awareness of the audience, explore writers’ use of English to achieve a range of effects, and construct informed, personal responses to the material they have studied. Learners are also encouraged to read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. Class skills include synthesis, inference, and the ability to order facts and present effectively. This course is based on CIE syllabi 0500 and 0486.  

*Credit: English Language Arts 1.0  NCAA approved*

*Cambridge AICE General Paper (English Writing) – AS Level (10th grade) (ENG 261/262)*

This Advanced Subsidiary (AS) English Writing course promotes the skills of rational thought, persuasion, analysis, interpretation and evaluation. It encourages the exploration and appraisal of social, cultural, economic, philosophical, scientific and technological issues. Students will develop an understanding and appreciation of individual, social, and cultural diversity as well as maturity of thought and clarity of expression both verbally and in writing. Through the reading of timely literature, outside novels and works, and current media reports, students will develop critical reading and analysis skills. This course is based on CIE syllabus 8004.  

(Prerequisite IGCSE English Language & Literature)  

*Credit: English Language Arts 1.0  NCAA approved*

*Cambridge AICE English Language – AS Level (11th grade) (ENG 361/362)*

This Advanced Subsidiary (AS) English Language course gives learners the opportunity to study English language and its use in contemporary communication. It aims to encourage a critical response to texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues, and writing clearly, accurately, creatively and effectively for different purposes and audiences. This course is based on CIE syllabus 9093.  

(Prerequisite AICE General Paper)  

*Credit: English Language Arts 1.0  NCAA approved*

*Cambridge Beginning September 2017 -- AICE English Literature – AS Level (12th grade) (ENG 451/4582)*

This Advanced Subsidiary (AS) English Literature course provides students with an opportunity to study several pieces of literature in four genres in order to gain a greater understanding of literary techniques, themes, purpose, etc. Student will read assigned literature at home and spend class time dissecting the material through a variety of venues. Students will also learn to express their interpretations of the works through written analytical essays that demonstrate a strong grasp of the English language. This course is based on CIE syllabus 9695.  

(Prerequisite AICE English Language)  

*Credit: English Language Arts 1.0  NCAA approved*
Mathematics

Cambridge IGCSE Mathematics (9th grade) (MTH 153/154)
An essential subject for all learners, Cambridge IGCSE Mathematics encourages the development of mathematical knowledge as a key life skill, and as a basis for more advanced study. The syllabus aims to build learners’ confidence by helping them develop a feel for numbers, patterns and relationships, and places a strong emphasis on solving problems and presenting and interpreting results. Learners also gain an understanding of how to communicate and reason using mathematical concepts. Topics of study include number theory, extensive geometry concepts, data analysis, fractions, equations and inequalities, probability, proportions, measurement, and matrices. This course is based on CIE syllabus 0580.
Credit: Mathematics 1.0 NCAA approved

Cambridge AICE Mathematics – Year 1 (9th or 10th grade) (MTH 161/162)
Cambridge International AS and A Level Mathematics builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus allows teachers to choose from three different routes to Cambridge International AS Level Mathematics: Pure Mathematics only, Pure Mathematics and Mechanics or Pure Mathematics and Probability and Statistics. Topics of study during year 1 include coordinate geometry, exponent and root properties, functions and their graphs, quadratics, inequalities, an introduction to differentiation, arithmetic and geometric sequences, the binomial theorem, trigonometry, vectors, and an introduction to integration. This course is based on CIE syllabus 9709.
(Prerequisite IGCSE Mathematics or Algebra 1/Geometry required) Credit: Mathematics 1.0 NCAA approved

Cambridge AICE Mathematics – Year 2 – AS Level (10th or 11th grade) (MTH 261/262)
This Advanced Subsidiary (AS) Mathematics course builds on the skills acquired at Cambridge IGCSE (or NCAA approved equivalent) level. The syllabus allows teachers to choose from three different routes to Cambridge International AS Level Mathematics: Pure Mathematics only, Pure Mathematics and Mechanics or Pure Mathematics and Probability and Statistics. Topics of study during year 2 are volumes of revolution (integration), trigonometry, representations of data (statistics), measures of location and spread (statistics), probability including permutations and combinations (statistics), probability and binomial distributions (statistics), expectation and variable of a random variable (statistics), the normal distribution (statistics), polynomials, exponential and logarithmic functions and their derivatives, advanced trigonometry and the derivatives of trigonometric functions, differentiating products, and the Trapezoidal Rule. This course is based on CIE syllabus 9709.
(Prerequisite AICE Mathematics – Year 1) Credit: Mathematics 1.0 NCAA approved

Cambridge AICE Calculus/Mechanics 1 – AS Level (11th or 12th grade) (MTH 453/454)
This Advanced Subsidiary (AS) Mathematics course, consisting of pure mathematics and mechanics, is equivalent to first year college calculus. In the area of pure mathematics the curriculum consists of quadratics, functions, coordinate geometry, circular measure, trigonometry, vectors, series, differentiation, and integration. In the area of mechanics the curriculum consists of forces and equilibrium, kinematics of motion in a straight line, Newton's laws of motion, energy, work and power. Students must demonstrate understanding of relevant mathematical concepts, terminology and notation. The course requires accurate recall and successful use of appropriate manipulative techniques. Students are required to recognize appropriate mathematical procedures for a given situation. They must apply combinations of mathematical skills and techniques in solving problems. The presentation of mathematical work and the ability to communicate conclusions in a clear and logical way is required. This class is a prerequisite for students taking AS physics in their senior year. This course is based on CIE syllabus 9231.
(Prerequisite AICE Mathematics – Year 2) Credit: Mathematics 1.0 NCAA approved
Science

Cambridge IGCSE Biology (9th grade) (SCI 163/164)
With an emphasis on human biology, the Cambridge IGCSE Biology syllabus helps learners to understand the technological world in which they live, and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies. They also gain an understanding of the scientific skills essential for further study at Cambridge International A Level, which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment. This course is based on CIE syllabus 0610.
Credit: Science 1.0 - NCAA approved

Cambridge IGCSE Chemistry (10th grade) (SCI 371/372)
Cambridge IGCSE Chemistry enables learners to understand the technological world in which they live, and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of Chemistry through a mix of theoretical and practical studies. They also gain an understanding of the scientific skills essential for further study at Cambridge International A Level, skills which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment. This course is based on CIE syllabus 0620.
Credit: Science 1.0 - NCAA approved

Cambridge IGCSE Physics (10th or 11th grade) (SCI 373/374)
Cambridge IGCSE Physics enables learners to understand the technological world in which they live, and take an informed interest in science and scientific developments. They learn about the basic principles of Physics through a mix of theoretical and practical studies. Learners also develop an understanding of the scientific skills essential for further study at Cambridge International A Level, skills which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment. This course is based on CIE syllabus 0625.
Credit: Science 1.0 - NCAA approved

Cambridge AICE Biology – AS Level (11th or 12th grade) (SCI 375/376)
This Advanced Subsidiary (AS) Science course in Biology builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, a section on some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Biology is ideal for learners who want to study biology or a wide variety of related subjects at university or to follow a career in science. This course is based on CIE syllabus 9700.
(Prerequisite IGCSE Biology and IGCSE Chemistry) Credit: Science 1.0 - NCAA approved

Cambridge AICE Chemistry – AS Level (11th or 12th grade) (SCI 377/378)
This Advanced Subsidiary (AS) Science course in Chemistry builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, a section on some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Levels Chemistry are ideal for learners who want to study chemistry or a wide variety of related subjects at university or to follow a career in science. This course is based on CIE syllabus 9701.
(Prerequisite IGCSE Biology and IGCSE Chemistry) Credit: Science 1.0 - NCAA approved
Social Studies

*Cambridge IGCSE Thinking Skills in Contemporary World Issues (9th grade) (SST 161/162)*
Thinking Skills develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus also enables students to approach their other subjects with an improved ability to understand, analyze and resolve problems. As a result, students will find the course of great benefit when preparing for higher education and for a wide range of careers, including law, scientific research, social science, journalism, medicine, business, accounting and engineering. The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking, and informed and disciplined reasoning. This course is based on CIE syllabus 9694.

*Credit: Social Studies 1.0 - NCAA approved*

*Cambridge AICE Global Perspectives in International Relations – AS Level (10th grade) (SST 261/262)*
This Advanced Subsidiary (AS) Social Studies course prepares learners for positive engagement with our rapidly changing world. Learners broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The Cambridge International AS Level Global Perspectives syllabus is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. The skills gained through study of Cambridge International AS Level Global Perspectives enable students to meet the demands of twenty first century learning and make a successful transition to study in higher education. This course is based on CIE syllabus 9239.

*Credit: Social Studies 1.0 - NCAA approved*

*Cambridge AICE U.S. History (and Government) – AS Level (11th grade) (SST 361/362)*
This Advanced Subsidiary (AS) History course explores a variety of approaches to different aspects of history and government through different interpretations of particular historical and political issues. Student will explore seven units in American history: Westward Expansion and the Taming of the West, 1840-1896; the Impact of Economic Expansion, 1865-1917; Civil War and Reconstruction, 1861 -1877; Boom and Bust, 1920-1941; The USA’s Rise as a World Power, 1890-1945; and Social Developments, 1945-1968. This course is based on CIE syllabus 9389.

*Credit: Social Studies 1.0 - NCAA approved*

*Cambridge Beginning September 2017 -- AICE Modern European History – AS Level (12th grade) (SST 451/452)*
This Advanced Subsidiary (AS) History course enables students to understand the developments that shaped Modern European History. This will be achieved with a holistic understanding of Europe as a geographic region for 1789 to 1939. Europe’s key developments will be studied in relation to the wider European context and with attention focused on the broader issues (revolution, nationalism, imperialism, war, and totalitarianism) that helped shape European history. This course is based on CIE syllabus 9389.

*Credit: Social Studies 1.0 - NCAA approved*
Special Needs Program

The courses listed below are available to all students who meet state eligibility criteria for special education. Classes will be assigned based on individual student needs and the Individualized Education Plan (IEP) process. The special education department goal is to provide an individually designed program for each student to meet his or her needs in accord with the IEP. Emphasis is on training in daily life skills, vocational skills, self-management skills, basic academic skills, and providing support in required courses.

Special Needs English Language Arts

Special Needs English Language Arts 9 (SPE 101/102)
Grade Level: 9
Credit: English Language Arts 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a English Language Arts 9 credit. The curriculum is a modified version of Communication Arts 9. Students work to improve basic reading and writing skills. Emphasis is placed on oral reading, fluency, decoding, comprehension and vocabulary development. Students will read and respond to several required reading pieces. Students use language structure to understand materials, including sentence structure, prefixes, suffixes, contractions and simple abbreviations. Basic mechanics include spelling grammar and vocabulary.

Special Needs English Language Arts 10 (SPE 201/202)
Grade Level: 10
Credit: English Language Arts 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a English Language Arts 10 credit. The curriculum is a modified version of English Language Arts 10. Students work to improve basic reading and writing skills. Emphasis is placed on oral reading, fluency, decoding, comprehension and vocabulary development. Students will read and respond to several required reading pieces. Students use language structure to understand materials, including sentence structure, prefixes, suffixes, contractions and simple abbreviations. Basic mechanics include spelling grammar and vocabulary.

Special Needs English Language Arts 11 (SPE 301/302)
Grade Level: 11
Credit: English Language Arts 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve English Language Arts 11 credit. The curriculum is a modified version of English Language Arts 11. Students work to improve basic reading and writing skills. Emphasis is placed on oral reading, fluency, decoding, comprehension and vocabulary development. Students will read and respond to several required reading pieces. Students also work on the mechanics of written language by producing journals, short stories, poetry and essays.

Special Needs English Language Arts 12 (SPE 401/402)
Grade Level: 12
Credit: English Language Arts 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve English Language Arts 12 credit and is taken in place of English Language Arts 12. The curriculum is a modified version of Communication Arts 12. Students work to improve basic reading and writing skills. Emphasis is placed on oral reading, fluency, decoding, comprehension and vocabulary development. Students will read and respond to several required reading pieces. Students also work on the mechanics of written language by producing journals, short stories, poetry and essays. They will also practice oral communication and collaboration skills. Additionally, students learn how to accommodate for a disability. There is also a focus on improving self-advocacy and self-exploration skills.
Special Needs Reading (SPE 103)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Elective 0.5
Prerequisite: IEP Team Recommendation
This course is designed to provide remedial instruction for students whose progress in the general education classroom is significantly impacted in the area of reading. **This course will focus on decoding and phonemic awareness.** The overall objective of the program is to have each student improve skills as rapidly as possible with the goal of achieving at a level appropriate for actual grade placement. The course content varies according to individual student needs. The course supports students in general education science and social studies courses.

Special Needs Reading (SPE 104)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Elective 0.5
Prerequisite: IEP Team Recommendation
This course is designed to provide remedial instruction for students whose progress in the general education classroom is significantly impacted in the area of reading. **This course will focus on comprehension skills.** The overall objective of the program is to have each student improve skills as rapidly as possible with the goal of achieving at a level appropriate for actual grade placement. The course content varies according to individual student needs. The course supports students in general education science and social studies courses.

Special Needs Written Language (SPE 105/106)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Elective 0.5
Prerequisite: IEP Team Recommendation
This course is designed to provide remedial instruction for students whose progress in the general education classroom is significantly impacted by delay in the area of written expression. The overall objective of the program is to have each student improve skills as rapidly as possible with the ultimate goal of achieving at a level appropriate for actual grade placement. The course content varies according to individual student needs. The course supports students in general education science and social studies courses.

Special Needs Mathematics

Pre-Vocational Math 1 (SPM 103/104)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternative means to achieve a required math credit. This course emphasizes the concepts of life skills based on each students Individualized Educational Plan (IEP). Topics include: sorting, matching, graphing, naming and recognizing geometric shapes, whole numbers, patterns and operations, measurement concepts, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working with others and independently solving and communicating “how and why” and building mathematical vocabulary.

Pre-Vocational Math 2 (SPM 151/152)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternative means to achieve a math credit. This course emphasizes the concepts of life skills based on each students Individualized Educational Plan (IEP). Topics include: whole number relationships, addition, subtraction, geometric attributes, compare and contrast, measurement, statistics relevant to applied situations, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working with others and independently problem solving and communicating “how & why” and building mathematical vocabulary.
Pre-Vocational Math 3 (SPM 161/162)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternative means to achieve a math credit. This course emphasizes the concepts of life skills based on each student’s Individualized Educational Plan (IEP). Topics include: place value, base ten number concepts, addition & subtraction, measurement, number operations probability, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others and independently problem solving and communicating “how & why” and building mathematical vocabulary.

Pre-Vocational Math 4 (SPM 171/172)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternative means to achieve a math credit. This course emphasizes the concepts of life skills based on each student’s Individualized Educational Plan (IEP). Topics include: place value, multiplication, division, fractions, graphing, reasoning, problem solving and communication. Students will learn the base strategies for geometry and algebra that emphasize graphs, lines and understanding units used for measurement such as temperature, weight and capacity. Students will be able to make decisions based on quantitative information. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others problem solving and communication “how & why” and building mathematical vocabulary.

Special Needs Math 1 (SPM 101/102)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternative means to achieve a math credit. This is an individually planned math class, which teaches a range of math skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual math goals and objectives on his/her IEP. Topics include: multi-digit multiplication and division, become familiar with fractions, develop algebraic thinking to use geometric shapes to develop area formulas as well as describe patterns to express and solve simple equations, make and read simple graphs, reasoning, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others.

Special Needs Math 2 (SPM 201/202)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternative means to achieve a math credit. This is an individually planned math class, which teaches a range of math skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual math goals and objectives on his/her IEP. Topics include: multiplication and division of fractions and decimals, mathematical expressions and equations, ratios, rates, percents, introducing 2 -3 dimensional figures for solving area and perimeter, negative numbers, reasoning, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others.
Special Needs Math 3 (SPM 203/204)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation Placement
This course provides an alternative means to achieve a math credit. The curriculum is a modified version of the appropriate math course. This is an individually planned math class, which teaches a range of math skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual math goals and objectives on his/her IEP. Topics include: rational numbers, linear equations, proportionality, similarity, surface area and volume, probability and data, coordinate graphing skills, reasoning, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others.

Special Needs Math 4 (SPM 205/206)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation Placement
This course provides an alternative means to achieve a math credit. The curriculum is a modified version of the appropriate math course. This is an individually planned math class, which teaches a range of math skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual math goals and objectives on his/her IEP. Topics include: linear functions and equations, properties of geometric figures, summary and analysis of data sets, using scientific notation, understanding the full breadth of the real number system, reasoning, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others.

Special Needs Math 5 (SPM 207/208)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation Placement
This course provides an alternative means to achieve a math credit. The curriculum is a modified version of the appropriate math course. This is an individually planned math class, which teaches a range of math skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual math goals and objectives on his/her IEP. Topics include: Compare and order rational numbers, linear equations proportionality, similarity, surface area and volume, probability and data, coordinate graphing skills, ratio and proportional reasoning, Geometric terms, properties and relationships, measuring physical attributes, data analysis and probability, reasoning problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others.

Special Needs Math 6 (SPM 209/210)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Mathematics 1.0
Prerequisite: IEP Team Recommendation Placement
This course provides an alternative means to achieve a math credit. The curriculum is a modified version of the appropriate math course. This is an individually planned math class, which teaches a range of math skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual math goals and objectives on his/her IEP. Topics include: Add, subtract, multiply and divide algebraic terms, Linear functions and equations, properties of geometric terms, properties and relationships, summary and analysis of data sets, using scientific notation, understanding the full breadth of the real number system, reasoning, problem solving and communication. In addition to these topics students will interpret and make decisions based on numerical information and find ways to solve real life problems working independently and with others.
Additional Special Needs Social Courses – Limited Access

Special Needs Washington State History (SPS 101/102)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a Washington State History credit and is taken in place of Washington State History. The curriculum is modified. Topics include the region’s geography, exploration, native populations, fur trade, settlement, Indian wars, statehood, economics and Government. This is a required course for graduation.

Special Needs World Studies (SPS 201/202)
Grade Level: 10, 11, 12
Credit: Social Studies 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a World Studies credit. The curriculum is modified. World Studies is a combination of the study of world history and current world issues. The study of world history centers on investigating the events of the past and their effect on the events today: i.e., ancient India, ancient China, rise of Islam, Europe since the Renaissance and Africa and Latin America from the 19th century. The investigation of current world issues is dictated by events and issues that dominate world discourse: i.e. regional and world conflicts, environmental problems, world economy, human rights, populations, etc. Upon completion of this course, students will have an understanding of the historical background and possible resolution of current major issues. Students learn the histories of Europe, Africa, and Asia.

Special Needs US History (SPS 203/204)
Grade Level: 9, 10, 11, 12
Credit: Social Studies 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a U.S. History credit and is taken in place of US History. The curriculum is modified. Students will examine basic features of United State History during the 1877 to the present. Topics covered will be industrialization, immigration, reform, World War I, the twenties, depression and the New Deal, World War II, civil rights, the Vietnam War and contemporary times.

Special Needs American Government (SPS 401/402)
Grade Level: 10, 11, 12
Credit: Social Studies 0.5
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve an American Government credit.
The curriculum is a modified version of American Government. This course is designed to give students a foundation in local, state, and federal political systems that include, but are not limited to, fundamentals of the United States Constitution; political processes and the separate functions of executive, legislative, and judicial branches of government; political culture; party systems; Interest groups; bureaucracies; Institutions (military, etc.): civil society; media roles; public policy (civil liberties, rights). Emphasis will be on the study of local government and factors influencing public policy making in the United States and selective nations in the world.

Special Needs Science (SPC101/102)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Science 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a Science credit and is taken in place of a Physical or Earth Science class. The curriculum is modified. Topics may include physical aspects of science as well as Earth Science. Topics in Physical Science may include three basic concepts: investigations, energy and matter, atoms, heat, simple machines, electricity, light sound and force. Earth Science may include meteorology, space, maps, gravity, weather, oceans, mountains, volcanoes and geology.
Special Needs Health and Fitness (SPH 103/104)
Grade Level: 9, 10, 11, 12
Credit: Health and Fitness 1.0
Prerequisite: IEP Team Recommendation
This course provides an alternate means to achieve a Health and Fitness credit and is taken in place of Health and Fitness. The curriculum is modified. Students will learn the importance of total health/wellness by studying the mental, physical, and social aspects of healthy lifestyles. Topics include the nervous system, alcohol and drug abuse, nutrition, hygiene, eating disorders, fitness, and stress management.

Special Needs Social Skills (SPG 109/110)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Elective 0.5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of social/behavioral skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. Topics include friendship skills, leisure skills, following verbal/visual directions, being a part of a group, and exploring and interacting with their surroundings.

Special Needs Social/Behavior Skills (SPG 203/204)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Elective 1.0
Prerequisite: IEP Team Recommendation
Students will study relationships, values, goals, decisions and stress management.
Students will reflect on self-esteem, personality, attitude, managing stress, communication (being successful in relationship, dealing with conflict) crisis (chemical dependency, verbal and physical aggression)

Special Needs Social Thinking Skills (SPG 111/112)
Grades 9, 10, 11, 12 repeatable
Credit: Elective 0.5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of social/behavioral skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. Students will study social communication, recognizing that being "social" means the ability to adapt to people in differing circumstances, not just those related to social interaction or social fun. Social cognitive/communication skills will be explored across a range of functions: typical social situations; classroom and community expectations/behaviors; and personal relationships. Students will also be introduced to the skills that are required for interpreting creative expression through reading, writing, and talking, as well as skills for personal problem solving. This course will provide cognitive lessons in WHY we would employ a variety of social skills, prior to teaching and expecting the production of related skills. Specific social thinking vocabulary terms will be taught and practiced, which helps break down a large range of abstract social concepts into more concrete terms to help students understand the social expectations that surround them.
Special Needs Transition Program Courses

Special Needs Career Explorations  (SPV 201/202)
Grade Level:  10, 11, 12 repeatable
Credit:  Occupational 0.5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. This course provides students with the opportunity to explore career interests and ideas. Students gain an understanding of how their skills, aptitudes, and personal traits prepare them for future careers. Topics include: Workplace skills, employer expectations, writing a resume, filling out an application and communication skills.

Special Needs Pre-Vocational Skills  (SPV 105/106)
Grade Level:  9, 10, 11, 12 repeatable
Credit:  Occupational 0.5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of Pre-vocational skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. Topics include sorting, matching, sustained attention, completion and following verbal or visual instructions and schedules.

Special Needs Vocational Skills  (SPS 107/108)
Grade Level:  9, 10, 11, 12 repeatable
Credit:  Occupational 0.5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of vocational skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. Expectations include consistent and successful application of vocational skills such as sustained attention, task completion and following instructions and schedules when given in multiple venues.

Special Needs Community Living  (SPV 203/204)
Grade Level:  10, 11, 12 repeatable
Credit:  Occupational .5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of community living skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. Topics include, applying for jobs, using various media to access information, using public transportation, planning a budget and planning meals.

Special Needs Transition (SPS 209/210)
Grade Level:  10, 11, 12 repeatable
Credit:  Occupational / Elective .5
Prerequisite: IEP Team Recommendation
This course provides a means to achieve an elective credit. This is an individually planned class, which teaches a range of transition skills dependent upon each student’s ability level, which provides specially designed instruction, based on the student’s annual IEP goals. Topics include: financial planning (budgeting, checking/debit, loans and credit skills), career exploration, personal relationships, purchasing a vehicle, insurance, nutrition and food preparation, clothing care and repair, renting an apartment, options for living on your own and exploration of leisure skills.
Student Assistants

A maximum of one (1) credit will be allowed during the four years of high school.
Grade Level: 11, 12 repeatable
Credit: Elective 0.5
Prerequisite: Application and approval

CTE: WORK-BASED LEARNING

ASB Assistants: Students will work in the ASB Office. Duties include servicing vending machines, counting money, stocking shelves, filing, sorting, collating materials, making copies and some word processing.

Attendance Assistants: Students work in the Attendance Office. Duties include record keeping, calling for students, filing, answering the telephone, handling attendance forms and working with computers.

Counseling Center Assistants: Students work in the Counseling Office. Duties include filing, calling for students, collating materials, orienting new students and answering phones.

Main Office Assistants: Students work in the Main Office. Duties include answering the phone, calling for students, filing, collating and distributing materials, maintaining office area and supplies and acting as a school receptionist.

OTHER STUDENT ASSISTANT OPPORTUNITIES:

Peer Tutor Assistants: Students are assigned to a variety of academic tasks. Duties include working with special education students in the resource and regular classrooms. These assistants will assist in note taking, reading and working with a team of people to support students.

Teacher Assistants: Students work in the classroom. Duties include helping teachers to prepare materials and displays, photocopy, record data, tutor occasionally and set up audiovisual equipment.

Custodial Assistants: Students are assigned to various places in the building. Duties include moving tables and chairs, maintenance, sweeping, vacuuming, general cleaning and emptying trash.

Library Assistants: Students work in the Library. Duties include re-shelving books, processing materials, maintaining displays, delivering materials to classrooms, working at the checkout counter and cleaning tables.
The Visual and Performing Arts

All courses listed in this catalog under Dance, Music, Theatre, and Visual Arts count toward fulfilling the fine arts graduation requirement. Cross-credited courses in various departments also apply towards fulfilling this requirement.

Music

Concert Choir (MUS 155/15E)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition and director approval
This advanced-level group is a large mixed voice ensemble for experienced vocalists. The development of vocal skills and musical concepts is achieved primarily through the study and performance of varied literature. Increasing importance is placed upon exploration of advanced performance opportunities, along with continued work in music theory, foreign language, sight singing, and part independence. Our “flagship” ensemble is active at school performances, community, and district/regional music festivals and competitions.

Vocal Ensemble (MUS 156/15F)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition and director approval, as well as enrollment in another choir
This smaller and advanced level mixed ensemble is designed for experienced vocalists. Students will explore and perform choral music of various styles that require a smaller more select ensemble. Students must be able to demonstrate with competence, skills in sight-reading, pitch, tone, foreign languages, and part independent. This ensemble is active at school performances, various community, regional/state festivals and competitions. See individual school group requirements.

Men’s Choir (MUS 205/206)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Male students will learn to sing a variety of choral literature and styles, correct breathing and choral techniques including diction, blend, balance, phrasing, intonation, articulation, and tone quality. Special emphasis is put on the development of sight singing skills necessary for future placement into advanced choral groups.

Women’s Choir (MUS 207/208)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Female students will learn to sing a variety of choral literature and styles, correct breathing and choral techniques including diction, blend, balance, phrasing, intonation, articulation, and tone quality. Special emphasis is put on the development of sight singing skills necessary for future placement into advanced choral groups.

Select Women’s Choir (MUS 157/158)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition with director
This advanced treble ensemble is designed for experienced sopranos and altos. The development of vocal skills and musical concepts is achieved through the study and performance of varied literature. The importance of advanced musicianship is studied, along with continued work on music theory and sight singing skills. This ensemble is active at school performances and may participate in music festivals and competitions.
Orchestra (MUS 111/112)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Prior orchestra experience and/or approval of the orchestra director. Students may be asked to audition.
Students with playing experience on violin, viola, cello, or bass will learn about the elements of music through a wide variety of orchestral and chamber music. Students will build on the musicianship and technique learned in prior orchestral training through appropriate literature, and develop playing skills using vibrato, advanced rhythms, and bowings. The orchestra will perform several concerts throughout the year. Home practice is expected. Students will be required to attend periodic rehearsals and performances outside of the school day.

Chamber Orchestra (MUS 211/212)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition and director approval
This is a mastery-level course designed for students with advanced skills in string performance. Members of this ensemble will be actively involved in a variety of performances including solo work, chamber and full orchestral settings, formal concerts, and community events. They will achieve mastery over the concepts and skills of tone production, group and individual intonation, rhythm, balance, blend, dynamics, articulation, and elements of stylistically appropriate expression. Repertoire will be selected from the most advanced music for string and full orchestra. Home practice is expected. Students will be required to attend periodic rehearsals and performances outside of the school day.

Concert Band (MUS 151/15A)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Prior band experience at the middle school level
Concert Band is a course specifically designed to meet the needs of experienced band members. Students will concentrate on techniques development and musical literacy. The development of musical listening and rehearsal skills will be stressed. Topics of study include development of individual tone, rhythmic skill, and musicality. Topics for group study include rehearsal skills, balance, group tone, musicality, and music theory. Home practice is expected. Attendance is required at all concert performances and designated pep band performances.

Symphonic Band (MUS 152/15B)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Prior band experience at the middle school or high school level
Students will continue individual technique and musical development through preparation and performance of a varied repertoire of music. Topics of study include continued development of individual tone, rhythmic skill, musicality, balance, group tone, and music theory. Home practice is expected. Attendance is required at all concert performances and designated pep band performances.

Wind Ensemble (MUS 154/15D)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition and director approval
Students will be exposed to a broad range of band repertoire, styles, and performance settings. Individual technique and musical development will be stressed. Continued focus on group tone, musicality, and balance will be a focus of rehearsal. Topics of study also include music theory and listening. Home practice is expected. Attendance is required at all concerts and designated pep band performances.
Jazz Ensemble (MUS 153/15C)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition and director approval. Concurrent enrollment in one of the concert bands is required. This course is an extension of the larger ensemble experience. Students will study and perform a variety of swing music styles and its derivatives, reflecting the traditional “Big Band” instrumentation (saxophone, trumpet, trombone, and rhythm section). Through listening to recordings, critiquing, analyzing, discussion, and application, students will learn a variety of jazz styles found within this genre. Students will understand the history of jazz and be able to associate specific musicians to distinct types of jazz. A strong focus of this class will be the development of improvisation skills. As a performance class, attendance is required at all rehearsals, sectionals, and performances. Home practice is expected.

Percussion Ensemble (MUS 165/166)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 1.0
Prerequisite: Audition and director approval. Previous experience preferred. Percussionists in the band program will participate in a percussion ensemble. Students will be exposed to a broad range of repertoire, styles, and performance settings, focusing on intermediate and advanced snare drum skills, as well as technique development on all other percussion instruments including but not limited to keyboard percussion, timpani, and Latin percussion. Individual technique and musical development will be stressed. Students will learn the concepts of rhythm, texture, balance, blend, and rudiments as they develop their role as an ensemble member and become proficient on battery and mallet instruments. Percussion sections will be selected from this ensemble to perform with the various bands. Home practice is expected. Attendance is required at all performances.

Beginning Guitar (MUS 163/164)
Grade Level: 9, 10, 11, 12
Credit: Fine Arts or Elective 0.5
Students will learn to communicate musically by becoming proficient guitarists, acquiring the basic elements of music reading, theory, and playing technique. Students will play in small groups, with the class as a whole, and as a soloist. They will learn to play melodies and chords, receiving whole class and individual instruction within the class. Students are expected to work independently at their own pace, as well as cooperatively with small groups and with the class as a whole. Completion of the course will give players the basic skills to become life-long musicians.

Advanced Guitar (MUS 251/252)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Completion of Beginning Guitar or equivalent basic formal training (ability to read all natural notes in first position, play basic chords, and demonstrate basic technical fluency)
Students will increase reading skills, chord vocabulary, technical facility, and will apply basic theoretical concepts to the guitar fingerboard, such as playing and spelling scales and triads. Students will have the opportunity to play and perform music in a variety of styles, including Classical, Jazz, and Popular. Students will work individually at their own pace as well as cooperatively with small groups and the entire class. Completion of the course will give players skills enabling them to succeed in a variety of musical situations and to appreciate various styles of music.

Music Theory (MUS 201/202)
Grade Level: 9, 10, 11, 12
Credit: Fine Arts or Elective 0.5
Students will learn the basic structures of music in this course. Musical notation, chord construction, melody and harmony lines will be studied as students focus on the aural and visual understanding of musical structure and composition.
Advanced Placement Music Theory (MUS 461/462)
Grade Level: 10, 11, 12
Credit: Fine Arts or Elective 1.0
This course is a rigorous, college level course and requires higher levels of thinking and workload. This course is designed to prepare students for a possible major in music at the college level. Students learn the basics of tonal harmony, including chord construction, 4-part voice writing, harmonic analysis, and harmonic sequence. Students will also study ear training, sight singing, melodic, rhythmic, and harmonic dictation, 20th century techniques and form/structure. Completion of the Advanced Placement Exam is required.

Composing & Arranging Music Composition (MUS 203/204)
Grade Level: 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Membership in high school instrumental or vocal ensemble OR demonstration of intermediate-level piano skills OR completion of 1st semester of AP Music Theory.)
In this course, students with basic knowledge and skills in music theory will build on those abilities and apply them in composing and arranging music. Projects will involve a variety of assigned and chosen forms, orchestration and styles. Students will learn and use MIDI software to aid in the creative, editing, arranging and publishing processes.

Theatre

Theatre (ART 111/112)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
This course emphasizes basic acting techniques of the theatre including concentration exercises, theatre games, improvisation, pantomime, storytelling, character development, and the fundamentals of preparing a scene. Students will engage in creative theatre exercises to develop imagination, observation, and concentration; conditioning their bodies and voices to be flexible, coordinated, and expressive. Performances are a part of this course.

Advanced Theatre (ART 161/162)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Completion of Theatre
This course is designed for the student who wishes to expand his/her acting skills and expertise. The student studies concentration, observation, sensory skills, movement, voice and articulation, and characterization through such activities as oral interpretation, reader’s theatre, radio plays, children’s plays and one-act plays. The student also is expected to perform pantomime, monologues, and scenes; to read and analyze plays; and to perform a final acting scene.

Improvisational Theatre (ART 207/208)
Grade Level: 9,10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Completion of Theatre
Students in improvisational theatre class will focus on both short form and long form theatre improvisations. Both forms include the processes of co-creation of scenes using spoken works and actions, while identifying character relationships, objectives, and setting. Each performer must act according to the objectives they believe their character seeks. Long form improvisation will include units from classroom-based performance arts assessments established by OSP1.
Theatre Design and Stagecraft 1 (ART 113/114)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Occupational or Fine Arts or Elective 0.5
This is a one-semester course designed to familiarize students with the basic areas of technical theatre. They will learn about set design, set construction, scene painting, light design, and production technologies. This course will include theory and hands-on experiences.

Theatre Design & Stagecraft 2 (ART 361/362)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Occupational or Fine Arts or Elective 0.5
Prerequisite: Successful completion of Theater Design and Stagecraft 1
Students continuing in theatre production will take a leadership role in all aspects of supporting school productions. Students will be responsible for building sets and properties, operating lighting and sound systems, and running a theatre production.

Visual Arts

Art Survey (ART 101/102)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5 - Fees may apply
Students will explore a variety of tools, techniques, and media while applying the elements and principles of the visual arts. Studio activities will focus on drawing, printmaking, painting, and sculpture. Through the art that students produce, they will develop reflective and art criticism skills. Historical styles and artists will be studies in conjunction with current careers in art.

Drawing, Painting, and Cartooning (ART 155/156)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Art Survey or teacher approval. - Fees may apply
Students will explore more advanced realistic drawing techniques, applying their developing skills to cartooning. Using the elements and principles of the visual arts, students will explore painting techniques in a historical context as they develop their own style.

Drawing (ART 115/116)
Grade Level: 9, 10, 11, 12
Credit: Fine Arts or Elective 0.5 - Fees may apply
This is an art studio orientation course using the elements and principles of art. Students will study contour, gesture, negative space, sighting perspective, and proportion. Subjects include but are not limited to: still life, landscape, fantasy, illustration, objects from everyday life, and ideas from students own experiences. Students are encouraged to display their work.

Advanced Drawing (ART 165/166)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Drawing or teacher approval. - Fees may apply
Students continue to refine their drawing skills through the use of a variety of media, techniques, subjects, and styles. Development of a personal style, aesthetic, and artistic vision is encouraged through class discussion and critiques.
Painting (ART 201/202)
Grade Level: 9, 10, 11, 12
Credit: Fine Arts or Elective 0.5
Prerequisite: Drawing or teacher approval. Fees may apply
Students are offered a wide variety of painting experiences emphasizing composition and color study. Experiences include pastels, watercolors, acrylics, and oils. Development of a personal style and sense of aesthetics is encouraged. The course includes the study of the elements and principles of art.

Advanced Painting (ART 267/268)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Drawing, Painting, or teacher approval. Fees may apply
Students are offered a wide variety of painting experiences, emphasizing composition and color study. Students will use media such as tempera, watercolor and acrylic. Development of a personal style, aesthetic, and artistic vision is encouraged through class discussion and critiques with emphasis on the elements and principles of art.

Ceramics/Pottery (ART 151/152)
Grade Level: 9, 10, 11, 12
Credit: Fine Arts or Elective 0.5 - Fees may apply
As students produce pottery through hand-building and wheel experiences, they are introduced to a variety of building techniques and decorative styles. Development of a personal style in the fine and functional arts is encouraged. The importance of pottery in historical cultures is studied. The course includes the study of the elements and principles of art.

Advanced Ceramics/Pottery (ART 263/264)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5 - Fees may apply
Prerequisite: Ceramics and/or portfolio review. Drawing is recommended.
After mastering the basic skills in ceramics, students have an opportunity to further develop their understanding of clay as a medium for artistic expression. Hand-building techniques and use of the pottery wheel are explored in depth with emphasis on the elements and principles of art.

Sculpture (ART 153/154)
Grade Level: 9, 10, 11, 12
Credit: Fine Arts or Elective 0.5 - Fees may apply
Students will explore three-dimensional formats using additive and subtractive techniques. Clay, metal, fabric, cellu-clay, paper-maché, found objects, wax, and casting mediums may be included. The elements and principles of the visual arts will be used as they apply to three-dimensional work. The historical and cultural importance of sculpture will be studied.

Advanced Sculpture (ART 163/164)
Grade Level: 10, 11, 12 repeatable
Credit: Fine Arts or Elective 0.5
Prerequisite: Sculpture or Teacher Approval - Fees may apply
Students will continue to develop and refine their three-dimensional skills. Development of a personal style, aesthetic, and artistic vision is encouraged through class discussion and critiques. This course includes the study of the elements and principles of art.
Advanced Studio Art (ART 363/364)
Grade Level: 10, 11, 12 repeatable   Credit: Fine Arts or Elective 0.5
Prerequisite:  C or better in previous visual arts course or teacher approval. Fees may apply – Refer to fee for area of specialty’
Motivated students have the opportunity to continue developing their skills in a chosen area of specialty. Students must be responsible and able to work independently on a contract basis. Personal expression and development of technical expertise are encouraged. Study of master artists and historical styles are included. Weekly individual critiques and a culminating student show are required. This course includes the study of the elements and principles of art.

Advanced Placement Studio Art (ART 461/462)
Grade Level: 10, 11, 12 repeatable   Credit: Occupational, Fine Arts or Elective 1.
Prerequisite: Advanced Studio Art is recommended. There is an application process for this class.
This course is a rigorous, college level course and requires higher levels of thinking and workload. Advanced Placement provides the high school student with the opportunity to receive university credit by submitting a portfolio to the AP College Board. Students must be responsible and able to work independently on a contract basis. Students must declare a focus in Drawing, 2-D Design or 3-D Design, as well as a concentration within their area of focus. To assist the student in the successful completion of a portfolio, development of a personal style, aesthetic and artistic vision is encouraged through class discussion and critiques. Weekly individual critiques and a culminating student show are required. Completion of the Advanced Placement Exam is required.

The Visual Arts courses listed below are offered through the Career and Technical Education Department. Please see the CTE section beginning on page 16.

Digital Photography 1 (CTA 201/202)
Grade Level: 9-12
Credit: Occupational, Fine Art, or Elective 0.5

Digital Photography 2 (CTA 255/256)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Occupational, Fine Art, or Elective 0.5 - Fees may apply
Prerequisite: Successful completion of Digital Photography 1

Graphic Design (CTA 253/254)
Grade Level: 9, 10, 11, 12 repeatable
Credit: Occupational or Fine Arts or Elective 0.5

Metals/Jewelry & Design 1 (CTA 251)
Fees may apply
Grade Level: 9, 10, 11, 12
Credit: Occupational or Fine Arts or Elective 0.5

Metals/Jewelry & Design 2 (CTA 261/262)
Fees may apply
Grade Level: 9, 10, 11, 12 Repeatable
Credit: Occupational or Fine Arts or Elective 0.5   Prerequisite: Successful completion of Metals/Jewelry Design 1

Video Productions 1 (CTT 103/104)
Grade Level: 9, 10, 11, 12
Credit: Occupational, Fine Art or Elective 0.5

Video Productions 2 (CTT 163/164)
Grade Level: 9, 10, 11, 12 (repeatable)
Credit: Occupational, Fine Art or Elective 0.5
Prerequisite: Successful Completion of Video Productions 1 or instructor permission.
World Languages
For admission to four-year colleges/universities, two years of the same language are required.

American Sign Language

American Sign Language 1st Year (ASL 201/202)
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0 - NCAA approved
American Sign Language I is a beginning course in American Sign Language, introducing students to the language and culture of the Deaf. The course will provide insights into Deaf cultural values, Deaf attitudes, historical aspects of the language, and the Deaf community. Two years of ASL satisfies the world language requirement for Washington colleges and universities; college credit can be earned while taking this course in high school.

American Sign Language 2nd Year (ASL 251/252)
Grade Level: 10, 11, 12
Credit: Elective 1.0 - NCAA approved
Prerequisite: Successful completion of Sign Language 1 with a grade of “C” or better.
American Sign Language II is a continuation of ASL I with greater emphasis on ASL grammar and concentrated effort to develop the student’s expressive and receptive skills. Students will study appropriate language, grammar, cultural behaviors, and social relations. Two years of ASL satisfies the world language requirement for Washington colleges and universities; college credit can be earned while taking the course in high school.

American Sign Language 3rd Year (ASL 351/352)
Grade Level: 11, 12
Credit: Elective 1.0 - NCAA approved
Prerequisite: Successful completion of Sign Language 2 with a grade of “C” or better.
American Sign Language III is a more in-depth study of American Sign Language and Deaf culture, in addition to further cultural and grammatical understanding and interpreting skills. Greater attention is given to sign inflection, production, and idiomatic conventions through meaningful conversation and context. College credit can be earned while taking the course in high school.

French

French 1st Year (WLF 101/102)
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0 - NCAA approved
In this beginning class, students are introduced to French language and cultures. Through practice in listening, speaking, reading, and writing, students can attain basic communication skills, appreciation for French speaking cultures, and an understanding of the connections between the French and English languages. Students may participate in song, dance, and food from the French culture.

French 2nd Year (WLF 251/252)
Grade Level: 10, 11, 12
Credit: Elective 1.0 - NCAA approved
Prerequisite: French 1st Year with a grade of “C” or better.
Students will continue to develop skills introduced in French 1st year. Students will acquire more vocabulary and use more complex grammatical structures with the goal of more functional communication abilities. Students may participate in song, dance, and food from the French culture.
**French 3rd Year (WLF 351/352)**
Grade Level: 11, 12
Credit: Elective 1.0   NCAA approved
Prerequisite: French 2nd Year with a grade of “C” or better
In this class, students continue to improve skills, acquire more vocabulary, and use more complex grammatical structures. In addition, more emphasis is placed on literature, creative projects and improving real life fluency for careers, travel, and personal development and expression. Students may participate in song, dance, and food from the French culture.

**French 4th Year (WLF 451/452)**
Grade Level: 12
Credit: Elective 1.0   NCAA approved
Prerequisite: French 3rd Year with a grade of “C” or better.
For the motivated language student, this class offers more opportunities for study of literature, creative projects, and improving real life fluency for careers, travel, personal development, and expression. Students may participate in song, dance, and food from the French culture.

**German**

**German 1st Year (WLG 101/102)**
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0   NCAA approved
In this beginning class, students are introduced to German language and cultures. Through practice in listening, speaking, reading, and writing, students can attain basic communication skills, appreciation for German speaking cultures, and an understanding of the connections between the German and English languages. Students may participate in song, dance, and food from the German culture.

**German 2nd Year (WLG 251/252)**
Grade Level: 10, 11, 12
Credit: Elective 1.0   NCAA approved
Prerequisite: German 1st Year with a grade of “C” or better
Students will continue to develop skills introduced in German 1st year. Students will acquire more vocabulary and use more complex grammatical structures with the goal of more functional communication abilities. Students may participate in song, dance, and food from the German culture.

**German 3rd Year (WLG 351/352)**
Grade Level: 11, 12
Credit: Elective 1.0   NCAA approved
Prerequisite: German 2nd Year with a grade of “C” or better
In this class, students continue to improve skills, acquire more vocabulary, and use more complex grammatical structures. In addition, more emphasis is placed on literature, creative projects and improving real life fluency for careers, travel, and personal development and expression. Students may participate in song, dance, and food from the German culture.

**German 4th Year (WLG 451/452)**
Grade Level: 12
Credit: Elective 1.0   NCAA approved
Prerequisite: German 3rd Year with a grade of “C” or better
For the motivated language student, this class offers more opportunities for study of literature, creative projects, and improving real life fluency for careers, travel, personal development, and expression. Students may participate in song, dance, and food from the German culture.
Japanese

Japanese 1st Year (WLJ 201/202)
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0 NCAA approved
Students are introduced to Japanese culture and language. Reading, writing, speaking, and listening will be emphasized. Students will learn Japanese alphabets—hiragana, katakana, and kanji.

Japanese 2nd Year (WLJ 251/352)
Grade Level: 10, 11, 12
Credit: Elective 1.0 NCAA approved
Prerequisite: Japanese 1st Year with a grade of “C” or better.
Students will continue to increase their vocabulary and improve their skills in speaking, listening, reading, and writing. Students will continue with individual projects and cultural experiences. Students will learn more complicated kanji, and sentences.

Japanese 3rd Year (WLJ 451/452)
Grade Level: 12
Credit: Elective 1.0 NCAA approved
Prerequisite: Japanese 2nd Year with a grade of “C” or better
This course focuses on listening, speaking, and reading Japanese literature, writing, researching, and presenting cultural projects to the class. Students will study the Japanese language to accelerate real-life language skills for career, travel, and personal development.

Japanese 4th Year (WLJ 461/462)
Grade Level: 12
Credit: Elective 1.0 NCAA approved
Prerequisite: Japanese 3rd Year with a grade of “C” or better
This course builds on students previous knowledge and supports students as they develop the productive, receptive, and cultural skills necessary to communicate with native speakers of Japanese. Students’ proficiency levels at the end of the course are expected to reach at least the Intermediate Low to Intermediate Mid range, as described in the American Council on the Teaching of Foreign Languages (ACTFL).

Spanish

Spanish 1st Year (WLS 101/102)
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0 NCAA approved
In this beginning class, students are introduced to Spanish language and cultures. Through practice in listening, speaking, reading, and writing, students can attain basic communication skills, appreciation for Spanish speaking cultures, and an understanding of the connections between the Spanish and English languages. Students may participate in song, dance, and food from the Spanish culture.

Spanish 2nd Year (WLS 251/252)
Grade Level: 10, 11, 12
Credit: Elective 1.0 NCAA approved
Prerequisite: Spanish 1st Year with at grade of “C” or better.
Students will continue to develop skills introduced in Spanish 1st year. Students will acquire more vocabulary and use more complex grammatical structures with the goal of more functional communication abilities. Students may participate in song, dance, and food from the Spanish culture.
Spanish 3rd Year (WLS 351/352)
Grade Level: 11, 12
Credit: Elective 1.0  NCAA approved
Prerequisite: Spanish 2nd Year with a grade of “C” or better
In this class, students continue to improve skills, acquire more vocabulary, and use more complex grammatical structures. In addition, more emphasis is placed on literature, creative projects and improving real life fluency for careers, travel, and personal development and expression. Students may participate in song, dance, and food from the Spanish culture.

Spanish 4th Year (WLS 451/452)
Grade Level: 12
Credit: Elective 1.0  NCAA approved
Prerequisite: Spanish 3rd Year with a grade of “C” or better.
For the motivated language student, this class offers more opportunities for study of literature, creative projects, and improving real life fluency for careers, travel, personal development, and expression. Students may participate in song, dance, and food from the Spanish culture.

Spanish for Native Speakers 1 (WLS 105/106)
Grade Level: 9, 10, 11, 12
Credit: Elective 1.0  NCAA approval has been requested.
Prerequisite: Ability to understand and communicate verbally and be able to write simple basic sentences in Spanish. Results of placement test.
Beginning course designed for students who can speak Spanish but wish to improve their reading, writing, speaking and vocabulary skills. This literature-based course includes basic principles of composition grammar, spelling, sentence structure, punctuation accents and paragraph organization. Class conducted in Spanish.

Advanced Placement Spanish Language (WLS 461/462)
Grade Level: 11, 12
Credit: Elective 1.0  NCAA approved
Prerequisite: Spanish 3, 4 with a grade of “C” or better or teacher recommendation
This course is a rigorous, college level course and requires higher levels of thinking and work load. This course is designed as a college-level comprehensive course covering the Spanish language. The course will cover the four major skills of speaking, listening, reading, and writing. Much attention is paid to grammatical accuracy and vocabulary development. The course is the equivalent of a third-year university Spanish course. Reading and writing are intensive. Students may participate in song, dance, and food from the Spanish culture. Completion of the Advanced Placement Exam is required.
Appendix II:
Eligibility for Athletics/Activities at NCAA Colleges

NCAA approved courses are noted in the course descriptions. Any course without the NCAA notation is not an eligible course.

If you want to participate in athletics or receive an athletic scholarship during your first year, you must fulfill the following requirements:

Core Courses
- **NCAA Division I** requires 16 core courses.
- **NCAA Division II** requires 16 core courses.
- Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Test Scores
- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA).
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68. The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average
- Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000
- **Division I** GPA required to be eligible for competition on or after August 1, 2016, is 2.300
- **The Division II** core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.
Division I
16 Core Courses

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy)

ADDITIONAL REQUIREMENTS

- 10 core courses must be completed prior to the seventh semester
- Seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements listed above.
- These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvements
- GPA: 2.300 needed to compete, 2.000 needed to practice & receive athletics aid.

Division II
16 Core Courses

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 3 years of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy)
- GPA 2.000
- SAT 820 or ACT 68

For more information regarding the new rule, please go to www.ncaa.org. Click on “Student-athletes and Parents” in the “Custom Home Pages” section. You may also visit the clearinghouse web site at www.ncaaclearinghouse.net.

If you have questions about NCAA eligibility, please call the NCAA initial-eligibility Clearinghouse toll-free at 877-262-1492. You may call the NCAA at 317-917-6222. You may also visit the NCAA Eligibility Center website at www.eligibilitycenter.org
Bethel High School
22215 38th Ave E
Spanaway, WA 98387
(253) 683-7000

Challenger High School
18020 B St. East
Spanaway, WA 98387
(253) 683-6800

Graham-Kapowsin High School
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