THE RIVERVIEW SCHOOL DISTRICT COMPLIES WITH ALL FEDERAL AND STATE STATUES AND REGULATIONS AND DOES NOT DISCRIMINATE IN ANY PROGRAMS OR ACTIVITIES ON THE BASIS OF SEX, RACE, CREED, RELIGION, COLOR, NATIONAL ORIGIN, AGE, VETERAN OR MILITARY STATUS, SEXUAL ORIENTATION, GENDER EXPRESSION OR IDENTITY, DISABILITY, OR THE USE OF A TRAINED DOG GUIDE OR SERVICE ANIMAL, AND PROVIDES EQUAL ACCESS TO THE BOY SCOUTS AND OTHER DESIGNATED YOUTH GROUPS. THIS HOLDS TRUE FOR ALL DISTRICT EMPLOYMENT AND STUDENT OPPORTUNITIES. INQUIRIES REGARDING COMPLIANCE AND/OR GRIEVANCE PROCEDURES MAY BE DIRECTED TO THE DISTRICT’S TITLE IX/RCW 28A640 OFFICER (MS. JANET GAVIGAN, 425-844-4500) AND SECTION 504/ADA COORDINATOR (DR. KEN HEIKKILA, 425-844-4500).
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<td>Business Education and FBLA Leadership</td>
<td>24-27</td>
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<td>Marketing Education and DECA Leadership</td>
<td>27-28</td>
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<td>Computer Programming and FIRST Robotics Leadership</td>
<td>29-30</td>
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<td>Architecture and Engineering and FIRST Robotics Leadership</td>
<td>31-32</td>
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<tr>
<td>Sports Medicine and WCTMSMA Leadership</td>
<td>32-33</td>
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<tr>
<td>Media Arts and TSA Leadership</td>
<td>33-37</td>
</tr>
<tr>
<td>Media, Performing, and Visual Arts</td>
<td>33-37</td>
</tr>
<tr>
<td>Media Arts (Career and Technical Education Occupational Credits)</td>
<td>33-37</td>
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<tr>
<td>Performing Arts: Drama</td>
<td>37-38</td>
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<tr>
<td>Performing Arts: Music</td>
<td>38-40</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>40-43</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>43-44</td>
</tr>
<tr>
<td>French</td>
<td>43</td>
</tr>
<tr>
<td>Japanese</td>
<td>44</td>
</tr>
<tr>
<td>Spanish</td>
<td>44</td>
</tr>
<tr>
<td>Language Arts</td>
<td>44-46</td>
</tr>
<tr>
<td>Mathematics</td>
<td>46-49</td>
</tr>
<tr>
<td>Physical Education and Health</td>
<td>49-51</td>
</tr>
<tr>
<td>Science</td>
<td>51-54</td>
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<tr>
<td>Social Studies</td>
<td>54-57</td>
</tr>
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<td>Other Electives</td>
<td>57-58</td>
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<tr>
<td>WaNIC</td>
<td>59</td>
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<tr>
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<td>60</td>
</tr>
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</table>
Contacts

Main Office

Clarence Lavarias, Principal ............................................................................................................................ 425.844.4800

Head Secretary ................................................................................................................................... 425.844.4801

Kristi Connelly, EA/Special Ed Secretary/Science Fair Coordinator ................................................... 425.844.4800

Ray LaBate, Assistant Principal and ASB ........................................................................................... 425.844.4804

Tracy Scott, ASB Secretary ................................................................................................................ 425.844.4805

Jason Frederick, Athletic Director/Dean of Students ........................................................................ 425.844.4809

Attendance Office

Jodi Carr, Attendance Office Secretary .............................................................................................. 425.844.4806

Career and Technical Education

Donna Bielstein, Career and Technical Education Director ................................................................ 425.844.4855

Debbie Gilmore, Career Specialist and WaNIC Coordinator .............................................................. 425.844.4810

Counseling Office

Aaron Clifford, Counselor, A-K ............................................................................................................ 425.844.4864

Deborah Walters, Counselor, L-Z ........................................................................................................ 425.844.4865

Barb Jarett, Counseling Secretary ........................................................................................................ 425.844.4807

Debra Frost, Registrar ......................................................................................................................... 425.844.4808

LRC (Library)

Librarian and Family Access Online Grades ....................................................................................... 425.844.4846
Introduction

The purpose of this booklet is to familiarize students and parents with pertinent information about school procedures, curriculum, graduation requirements, and post-secondary planning. The Counseling/Career Center staff encourages parents and students to seek answers to questions by making telephone calls or by going to the school website – www.chs.riverview.wednet.edu. Cedarcrest High School administrators and teachers expect students to be accountable and responsible. Students have the most important role in the educational process. They fulfill this role by developing strong study habits, participating in school through classroom instruction and extracurricular activities, showing respect for others and for school property, and interacting positively with peers and staff.

Terms and Definitions

Credit
A numerical representation of a passing grade

Requirement
A course you must take in order to graduate

Elective
A course selection other than a required course

Prerequisite
A course or requirement that must be met before the student is eligible for a future course

Semester
90 days

Grading Policy

Each student’s grade point average shall be the sum of the point values, as defined to the right, of all the grades received for all courses attempted, divided by the sum of the credits for all the courses attempted. All grades for all courses taken shall be included in the calculation of the grade point average unless the course is repeated. The “P” grade shall not be computed.

Exceptions:
• Teacher Assistant, Office Assistant and Peer Tutors will be graded (P) Pass or (F) Fail. (NC) denotes a No-Credit grade.

Incompletes:
• No-Credit (NC) grades may be completed within 10 school days after the end of the semester. This option is only available if the teacher is aware of a requested extension and approves prior to the last day of the semester. This option is not available if the NC is due to an attendance violation. Teachers who give NC grades are requested to provide appropriate materials to the student to satisfy the course requirements. Teachers must submit to the counseling office, the student, and the parent an “incomplete form.” It also includes signatures from the teacher, the parent and an administrator. After 10 days, if the work is not completed, the “NC” will become an “F” on the student’s transcript.

The grading policy for grades 9 through 12 shall be:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Scale</th>
<th>Transcript</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>100-93.00</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>92.99-90</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>89.99-87</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>86.99-83</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>82.99-80</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>79.99-77</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>76.99-73</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>72.99-70</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>69.99-67</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>66.99-63</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>62.99-0</td>
<td></td>
</tr>
</tbody>
</table>
Graduation Requirements for CHS Students

In addition to passing state tests and creating a High School and Beyond Plan, a minimum number of credits are required in grades 9-12 to graduate from high school. Requirements are listed by year of graduation. For more information about the specifics of the Washington State graduation requirements, passing the HSPE and end-of-course exams and alternatives, and graduation toolkit, please visit this link: [http://www.k12.wa.us/GraduationRequirements/default.aspx](http://www.k12.wa.us/GraduationRequirements/default.aspx).

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>CLASS OF 2016</th>
<th>CLASS OF 2017</th>
<th>CLASS OF 2018</th>
<th>CLASS OF 2019</th>
<th>MINIMUM REQUIRED COURSES FOR 4-YEAR COLLEGE ADMISSION WITHIN WASHINGTON STATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Language Arts)</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>Washington State History</td>
<td>Previously Met</td>
<td>Met in 8th Grade</td>
<td>Met in 8th Grade</td>
<td>Met in 8th Grade</td>
<td>0.5 or Met in 8th Grade</td>
</tr>
<tr>
<td>Modern World History &amp; Geography or Honors Modern World History &amp; Geography</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>US History or AP US History</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Civics or AP Government and Politics</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>Economics, Global Issues, Law and Business Ethics I, Law and Business Ethics II or Psychology</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>Math (Including Algebra 2 or equivalent)</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>(through Algebra 2)</td>
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<tr>
<td>Senior Quantitative Math/Science</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>1.0</td>
</tr>
<tr>
<td>Science</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>3.0</td>
<td>(including 1.0 Algebra-based)</td>
</tr>
<tr>
<td>Health</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>Varies</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>Varies</td>
</tr>
<tr>
<td>Career and Technical Education (Occupational)</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>Varies</td>
</tr>
<tr>
<td>Choice of 9th grade Tech Class: Excel—IT Academy</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>Varies</td>
</tr>
<tr>
<td>Choice of 9th grade Tech Class: Introduction to Media Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choice of 9th grade Tech Class: WORD—IT Academy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choice of 9th grade Tech Class: Programming (year long)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choice of 9th grade Tech Class: Engineering I (year long)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choice of 9th grade Tech Class: Website Design (year long)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>World Language or Personalized Pathway Requirement</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>2.0</td>
<td>(of the same world language)</td>
</tr>
<tr>
<td>Electives</td>
<td>5.0</td>
<td>5.0</td>
<td>5.0</td>
<td>4.0</td>
<td>Varies</td>
</tr>
<tr>
<td>Total</td>
<td>21.0</td>
<td>21.0</td>
<td>21.0</td>
<td>24.0</td>
<td>Varies</td>
</tr>
</tbody>
</table>
Repeating a Course
A student may repeat a course in order to improve his/her grades—depending on availability. Both attempts/grades will remain on the student's transcripts; however, the student will have two options regarding how his/her grade will be recorded:

- The student may choose to replace the grade. Although the former grade will remain on his/her transcript, it won't be factored into his/her grade point average. This option will not affect his/her grade point average.
- The student may keep the lower grade and use it as an elective credit. This option will average both grades into his/her grade point average.

Report Cards/Progress Reports
Parents and students will receive official notification of student grades twice each semester (90 days). Mid-semester progress reports are distributed approximately 45 days into the semester, and the final grade report is issued at 90 days. Parents or students may request other progress reports throughout the semester. Teachers will make every effort to establish contact with parents of students earning a failing grade. Such contact will be made in sufficient time to correct student performance prior to receiving their final grade.

Add/Drop Procedure for Schedule Changes
Counselors reserve the right to change schedules in order to balance class sizes. Schedule changes are made only for the following reasons:

- Improper placement.
- Access to courses needed to graduate on time

Students at CHS are given the freedom and responsibility to choose specific class periods and teachers during the spring registration process. Students may need to prioritize course requests should a registration conflict arise. If students wish to change a class for a reason listed above, students must make an appointment with their counselor within the first five days of the course. At any time during the year, changing a class for reasons other than the above stated will result in an "F" on the student's transcript.

Fees and Fines
In accordance with State law, the school district will provide each student with the materials and supplies necessary to learn the basic skills taught in their classes. However, many students wish to extend their educational experiences beyond required classes and/or keep the projects they make in school. In these cases, special materials may be purchased at school when available (project purchase fee), or brought from home or other sources. Other optional expenses associated with high school include: ASB card, yearbook, school pictures, parking permits, etc. It is the student's responsibility to monitor the safekeeping of books, materials, and equipment issued by the school. A replacement fine will be assessed for lost, stolen, or damaged school property. Fine monies collected will be used by the school to purchase replacement materials. Note: All fees and fines must be paid in order for graduating seniors to receive a cap and gown for commencement.

Cedarcrest High School Meeting Policy
All parent conferences, hearings and meetings will be held in accessible locations and auxiliary aids (sign language, interpreters, readers) will be provided upon request. Please contact the main office during school time at 425-844-4800 with your request at least 10 days in advance of your meeting.
Transfer Credits

Only credits earned from a nationally accredited institution will be accepted and posted on Cedarcrest High School transcripts. All OFFICIAL transcripts must be submitted to the CHS counseling center by June 1 for those credits to be posted for that school year. This is extremely important for seniors wishing to participate in the graduation ceremony.

Academic Letters and Eligibility Requirements

The academic letter is intended to honor and recognize students who have achieved academic skills of the highest standards, to provide a uniform method to recognize academically motivated students, and to provide an additional procedure, over and above honor roll recognition, for recognizing excellent student academic achievement.

1. Student must be of sophomore status.
2. Students must have maintained a 3.7 cumulative GPA for all subjects taken during high school according to their transcript at the end of each academic year. Students will be notified of the GPA eligibility for the academic letter by the principal or designee.
3. All eligible students must take a full schedule (six classes per term) and earn a minimum of five credits during the academic year.
4. Students must be enrolled as a full-time Cedarcrest student to qualify for an academic letter. Exceptions to this policy are limited to WANIC students who split time between a WANIC program and Cedarcrest.

Athletic Eligibility

The following criteria are required for a student to participate in athletics:

1. Be a resident of Riverview School District.
2. Be enrolled in at least 6 classes and passing all subjects the previous semester and during the semester of competition.
3. Have passed all subjects in the semester prior to participation.
4. Have a physical examination card on file in the activities/athletic office.
5. Purchase insurance or submit insurance waiver to the activities/athletic office.
6. Purchase an ASB card.
7. All outstanding fines must be paid.
8. Prior sports season locks and uniforms must be returned.
9. Periodic grading updates required, to be returned to the coach or athletic director.
10. Pay participation fee.

NCAA College Freshman Athletic Eligibility

Students wishing to participate in athletics in Division I and Division II schools must meet certain minimum core academic course requirements. In addition, they must qualify with a minimum core GPA and minimum SAT-1 or ACT test scores. These requirements vary according to the NCAA Initial-Eligibility Index. Early planning is recommended. Interested students should see their counselor or the school’s athletic director. Students should check with their counselor throughout their high school career to maintain eligibility. For further information, access the NCAA website: www.eligibilitycenter.org.
Late Arrival/Early Release

Late arrival and early release are privileges reserved for students with senior standing who are on schedule to graduate with their class. However, students are encouraged to take a full schedule at Cedarcrest High School each term. Students who are approved for late arrival or early release may only be on campus during their scheduled classes—unless they have prior approval by an administrator. Late arrival and early release students are responsible for consulting with their counselor to make sure that they are earning enough credits for graduation. Students are also responsible for obtaining all information given during announcements and advisory periods. Students can obtain this information on the CHS website at www.chs.riverview.wednet.edu.

Dual College Credit Programs

Dual credit programs allow students to take rigorous college-level courses while still enrolled at CHS. Students may become eligible for the awarding of college credit based on scores obtained in the year-end examinations (AP) and through taking college-level classes either in their high school or at colleges and universities. The dual credit programs at CHS are:

1. Running Start
2. Advanced Placement (AP)
3. College in the High School
4. College Credit through Tech Prep

For more information on these programs, please go to:
http://www.k12.wa.us/SecondaryEducation/CareerCollegeReadiness/DualCredit/CollegeEnrollment.aspx

Running Start

High school juniors and seniors have the opportunity to attend a community college and earn high school and college credit at the same time. The first step for a student to participate in Running Start is to contact any local community college and make an appointment to register and take a placement examination. If students have taken and passed the placement examination, students then consult with their high school counselor to determine what college courses will fulfill high school graduation requirements. A form must be completed showing that the student has conferred with their high school counselor and determined what classes will be taken. The college will schedule a registration time for the student prior to the start of class at the community college.

Some things that the student must remember when they decide that they wish to participate in the Running Start program:

1. Students must provide their own transportation to the community college.
2. If a student drops a college class they must officially drop the class through the community college.
3. Students must remember that they will be enrolled in regular college classes with adult students where attendance may not be taken and the students are responsible for their own actions and participation.
4. The Riverview School District will pay for tuition in the Running Start Program. The student must pay for their books, lab fees, and other additional expenses. The Running Start Program does not apply to summer quarters—only fall, winter, and spring quarters.
5. Colleges and high schools operate on different schedules. The student will need to check each school’s calendar for term and/or semester starting dates, ending dates, vacation dates and rotating daily schedules.
6. If a student is taking classes at both Running Start and Cedarcrest High School, the student understands that all policies and procedures regarding attendance and grades for CHS courses will be applicable. Running Start classes do not take precedence over CHS required and/or elective classes. When developing a schedule for dual enrollment, students must account for transportation time between both institutions.
7. A five (5) credit college course is equal to 1.0 high school credits. For further information on this program, please talk to your counselor. Students may only take a certain number of credits through Running Start. Additional credit expenses must be covered by the student. Students are responsible for obtaining all information given during announcements and advisory period. Students can obtain this information on the CHS Website.
UW in the High School

College in the High School program allows qualified high school students to take college-level courses through the University of Washington within their school and earn both high school and college credit while remaining in high school. Courses must meet college course standards. There may be a variety of fees including tuition and textbooks. See high school instructor for registration details. Credit is awarded through UW once registration, payment, and completion of the class occur. See pages 11-13 for the CHS Courses that qualify.

Advanced Placement (AP) and Honors Courses

CHS offers an honors recognition program for students who complete a minimum of 5 of the offered honors or AP courses during their high school career with a grade of “B” (3.0) or better in each course. Semester grades from a year-long honors course will be averaged together to determine the final grade for consideration of eligibility. Important transfer student information: Students may count only AP credits earned from other school districts towards the CHS honors recognition program.

<table>
<thead>
<tr>
<th>ADVANCED PLACEMENT (AP) COURSES</th>
<th>HONORS COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• AP Biology</td>
<td>• Honors Physical Science</td>
</tr>
<tr>
<td>• AP Calculus AB</td>
<td>• Honors Biology</td>
</tr>
<tr>
<td>• AP Statistics</td>
<td>• Honors Chemistry</td>
</tr>
<tr>
<td>• AP Computer Science (UW in the High School)</td>
<td>• Honors Algebra 2</td>
</tr>
<tr>
<td>• AP Language and Composition</td>
<td>• Honors Pre-Calculus (UW in the High School)</td>
</tr>
<tr>
<td>• AP Literature and Composition</td>
<td>• Honors English 9</td>
</tr>
<tr>
<td>• AP Physics</td>
<td>• Honors English 10</td>
</tr>
<tr>
<td>• AP U.S. History</td>
<td>• Honors Modern World History &amp; Geography</td>
</tr>
<tr>
<td>• AP U.S. Government and Politics</td>
<td></td>
</tr>
<tr>
<td>• AP Studio Art</td>
<td></td>
</tr>
</tbody>
</table>

The Advanced Placement or “AP” program is the most widely accepted, college-level academic program available to American high school students. Students can earn college credit based on their AP exam scores. AP courses are the capstone of the CHS honors program; they are for students seeking a challenging and rigorous learning experience. Extensively trained AP teachers help students develop and apply the skills and content knowledge they will need in college. AP helps students get into the college of their choice, place out of introductory college classes, and earn college credit. With qualifying AP exam scores, students may earn college credit and placement into higher level courses at most two-year and four-year colleges and universities in Washington State and across North America. Each of these institutions has its own policy for awarding college credit and/or placement based on AP exam scores. Specific information can be obtained from www.collegeboard.org/apcreditpolicy. It is Cedarcrest's policy that students enrolled in an AP class take the AP exam associated with that course. There is a fee for each exam and financial aid is available for qualifying students.
Tech Prep College Credits is a dual-credit program that provides an opportunity for a high school student to receive both high school and college credit for completing Career and Technical Education high school courses or a series of courses with a grade of “B” or better. Credits are available from multiple community colleges. The credits differ by course. **There is a one-time yearly fee of $46 (even if a student takes more than one of the classes listed on pages 12-13 at the same time or within the school year)!**

**DUAL ENROLLMENT/CREDIT PROGRAMS COMPARISON CHART**

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>ADVANTAGE</th>
<th>STUDENT RESPONSIBILITIES</th>
<th>STUDENT COSTS</th>
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</table>
| **CTE COLLEGE CREDITS**  | A program that allows qualified high school students to take college-level Career and Technical Education (CTE) courses within their high school and earn both high school and college credit. | High School                   | • Remain in high school  
• Rigorous, college-level class  
• Earn both high school and college credit  
• May lead to industry cert., degree and/or employment | • Enroll in a Tech Prep high school class and register/pay for Tech Prep Program  
• Meet rigorous college course competencies  
• Earn a “B” grade or above in the course | Minimal registration fee  
ONLY $46 yearly processing fee (no matter how many credits you earn in CTE classes) |
| **TECH PREP**            |                                                                               |                               |                                                                          |                                                                                           |                                                                                |
| **RUNNING START**        | A program that allows qualified high school juniors and seniors to attend college classes and earn both high school and college credit at the same time. | Community or Technical College | • Accelerated class  
• Earn both high school and college credit | • Determine transfer ability of college credits  
• Ensure credits apply to high school graduation requirements  
• Must meet application/registration deadlines | Tuition waived for certain number of credits, student pays lab fees, textbooks, and transportation for all classes and for tuition above a certain number of credits (see counselor) |
| **COLLEGE IN THE HIGH SCHOOL** | A program that allows qualified high school students to take college-level courses within their school and earn both high school and college credit. | High School                   | • Remain in high school  
• Accelerated class  
• Earn both high school and college credit | Meet college course standards | Variety of fees, including tuition and textbooks |
| **ADVANCED PLACEMENT**   | Identified courses that prepare high school students to take advanced placement tests, allowing advanced placement and/or credit at the postsecondary level. | High School                   | • Remain in high school  
• Accelerated class  
• Advanced placement and/or college credit granted based on test score | • Apply for testing  
• Meet high academic standard | Test fee |
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<thead>
<tr>
<th>CHS CLASS</th>
<th>CHS COURSE NUMBER</th>
<th>ARTICULATION NAME</th>
<th>COLLEGE</th>
<th>COLLEGE COURSE</th>
<th>COURSE NUMBER</th>
<th>CREDITS</th>
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<td>AP Computer Science</td>
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<td>MTH460</td>
<td>N/A</td>
<td>University of Washington</td>
<td>Pre-Calculus</td>
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<td>Agriscience I &amp; II</td>
<td>AGR130 &amp; AGR131</td>
<td>Horticulture (Individual Studies - Agriscience)</td>
<td>Lake Washington Institute of Technology</td>
<td>Horticulture-Independent Studies</td>
<td>HORT 299</td>
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<td>Floral Design I &amp; II</td>
<td>AGR251 &amp; AGR252</td>
<td>Floral Design</td>
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<td>Floral Design Techniques</td>
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<td>MS IT Academy Core – Word</td>
<td>BUS157</td>
<td>MS Academy Core – Word &amp; PowerPoint</td>
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<td>Business Document Design (Word)</td>
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<td>BUS158</td>
<td>MS Academy Core – Excel &amp; OneNote</td>
<td>Bellevue College</td>
<td>Business Spreadsheet Analysis &amp; Design (Excel)</td>
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<td>Personal Finance Business</td>
<td>Bellevue College</td>
<td>Personal Money Management Personal Credit Intro to Insurance</td>
<td>BUS 102 BUS 104 BUS 141</td>
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<td>Bellevue College</td>
<td>Personal Money Management Personal Credit Personal Taxes Personal Risk Mgmt Personal Real Estate Personal Investment</td>
<td>BUS 102 BUS 104 BUS 105 BUS 106 BUS 107 BUS 108</td>
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<td>Shoreline Community College</td>
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<td>ARTICULATION NAME</td>
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<td>Animation &amp; Game Design Fundamentals</td>
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<td>Game Design I</td>
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<td>Video Production</td>
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<td>Video Fundamentals</td>
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<td>Drafting (Engineering Graphics)</td>
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<td>CMP365</td>
<td>Programming C++</td>
<td>Bellevue College</td>
<td>C++ Programming (Intro to)</td>
<td>PROG 111</td>
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<td>Computer Programming Intro</td>
<td>CMP366</td>
<td>Programming</td>
<td>Bellevue College</td>
<td>Programming (Intro to)</td>
<td>PROG 110</td>
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</table>

College Credit Opportunities are subject to change due to articulation agreements with the post-secondary institutions.
College in the High School course fees per class are $364 and are subject to change.
All Tech Prep CTE college credits have a one-time yearly processing fee of $46 regardless of the number of credits taken in a school year and fee is subject to change. For more information about the CHS Dual Credit program, please contact Debbie Gilmore, Career Specialist, at 425.844.4810 or by email at gilmored@riverview.wednet.edu.
### High School and Beyond Plan

The following are 4-Year Plans with the courses students are expected to take at grade level. The plans below are the required courses for graduation from Cedarcrest High School and suggested courses that may meet minimum college admissions standards. If a student is planning to attend college, he/she will need to find out which additional courses are required for entry.

#### SEMESTER = 90 DAYS (0.5 CREDIT)

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<th>Semester</th>
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<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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<td>English 9</td>
<td>English 10</td>
<td>English 12</td>
</tr>
<tr>
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<td>Algebra 1</td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>English 11</td>
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<td>9th Grade required Tech Class **</td>
<td>Health/Fitness</td>
<td>Modern World History &amp; Geography</td>
<td>Algebra 2 or equivalent</td>
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<td>Biology</td>
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</table>

** See page 6 for class options
# Alphabetical Course Listing with Cross Reference Codes

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<tr>
<td>Accounting II - M, O, $</td>
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<tr>
<td>Aerobic Fitness - PE</td>
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<td>Agriculture Metals/Woods Tech I - O, $</td>
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<td>Algebra 2 - M</td>
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<td>Anatomy and Physiology - S, $</td>
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<td>34</td>
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<td>Language and Composition (AP) - E, $</td>
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<td>Law and Business Ethics I - SS, O, $</td>
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<td>Law and Business Ethics II - SS, O, $</td>
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<td>Leadership - EL</td>
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<td>Literature and Composition (AP) - E, $</td>
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<td>LRC Work Experience - EL</td>
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<td>Marketing I - O, C, $</td>
<td>28</td>
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<td>Marketing II - O, C, $</td>
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<td>Marketing III - O, $</td>
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<td>Media Arts (Introduction to) - FA, O, $</td>
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<td>Modern World History and Geography - SS</td>
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<td>Modern World History &amp; Geography (Honors) - SS</td>
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<td>Office Aide Experience - EL</td>
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<td>Peer Tutoring (Peer and Cross) - EL</td>
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<td>Peer Tutoring (Special Services) - EL</td>
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<td>Percussion Methods – FA, $</td>
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<td>Pre-Algebra - M</td>
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<td>Pre-Calculus - M</td>
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<td>Pre-Calculus (Honors) - M, C</td>
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<td>Printmaking - FA, $</td>
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<tr>
<td>Programming for Games &amp; Real-Time Simulation - O, $</td>
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### Alphabetical Course Listing with Cross Reference Codes

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<td>Public Speaking - FA</td>
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<td>Robotics - O, $</td>
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<td>Sports Medicine Lab - PE, O, $</td>
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<td>Sports &amp; Entertainment Marketing - O, $</td>
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<td>US History (AP) - SS, $</td>
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<td>US Government and Politics (AP) - SS, $</td>
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<td>Video Cinema I - O, C, FA, $</td>
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<td>Video Cinema IV - O, FA, $</td>
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<td>Word - Microsoft IT Academy - O, $</td>
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<td>Worksite Learning - O</td>
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<td>Yearbook/Photography - FA</td>
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<td>ASB Card Replacement</td>
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<td>Choir—Chamber/Concert/Jazz</td>
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<td>Computer Programming (All Courses)</td>
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<td>*Concert Band</td>
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<td>Construction Trades</td>
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<td>Digital Imaging I, II, III, IV</td>
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<td>Drama Beginning &amp; Advanced</td>
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<td>Economics</td>
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<td>Excel - IT Academy</td>
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<td>Family Athletic Pass</td>
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**If a student is in Wind Ensemble, and/or Concert Band, and/or Percussion Methods, only ONE $185 fee will apply.**
Agriculture Education and FFA Leadership

Programs of Study in Agriculture (Small Engines, Horticulture, Floral Design, and Agriculture Education) are available for students and parents for planning of the 4-Year-and-Beyond Plan. Please ask the instructor for a copy. These Programs of Study are also located in the Career and Counseling Center and online at www.chs.riverview.wednet.edu.

AGR130  AGRISCIENCE I
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Prerequisite: None
Description: This course satisfies an occupational credit. The areas the student will explore include biotechnology, agriscience careers, natural resources, plant science, animal science, food science, communication and marketing. Labs include the making of beef jerky, butter and ice cream. **FFA leadership component.**

AGR131  AGRISCIENCE II
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Prerequisite: Agriscience I or teacher’s permission
Description: This course satisfies an occupational credit. This is a continuation of Agriscience II. It includes pest management practices, agriscience careers, crop science, ornamental horticulture, forestry, natural resources, turf grass management, animal science, communication, agribusiness and leadership. **FFA leadership component.**

AGR210  ANIMAL SCIENCE I
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Prerequisite: Agriscience I recommended but not required
Description: This course is designed for those students who wish to learn more about major and minor livestock and poultry animals including biosecurity, animal ID, agriscience production, including real-life applications. This course is great for all students who want to pursue any career with animals. **FFA leadership component.**
AGR260  CONSTRUCTION TRADES
Grades 9-12
Course Fee: $25
Prerequisite: None

Description: Labs include building a birdhouse, toolboxes, sawhorses and planter boxes. This one semester class will offer the student an opportunity to develop skills related to the wood construction industry as it applies to building construction techniques (skills). The class will explore safety requirements, tool usage, “green” techniques as applied to materials, mechanical systems, building systems, measurement, building layout, framing and career exploration. This class is repeatable for credit. FFA leadership component.

AGR132  AGRICULTURE POWER – SMALL ENGINES
Grades: 9-12
Course Fee: $25
Prerequisite: None

Description: Students will study operation, ignition, carburetion, and lubrication of internal combustion single cylinder 2-cycle and 4-cycle engines. Students will study tools and equipment that are used to perform simple repair and overhaul a small engine. Students will also develop skills to identify problems through systematic troubleshooting process. Students will disassemble and assemble a single-cylinder 4-cycle engine. FFA leadership component.

AGR201  AGRICULTURE METALS/WOODS TECHNOLOGY I
Grades: 9-12
Course Fee: $25
Prerequisite: None

Description: Labs include Arc welding (AC and DC), Oxy-Acetylene welding and cutting, propane heating and plasma cutting, cold metal, rod iron, sheet metal, plumbing and soldering. Skills related to the mechanical activities involved with agricultural production, service. Instruction includes field and laboratory application of the concepts taught. FFA leadership component.

AGR202  AGRICULTURE METALS/WOODS TECHNOLOGY II
Grades: 9-12
Course Fee: $25
Prerequisite: AGRICULTURE METALS/WOODS TECHNOLOGY I

Description: This class is a continuation of the first semester class: agriculture woodworking, construction processes and procedures. Additional areas of study may include cabinetry, joinery, furniture construction and carpentry. Students will work independently and in teams in a simulated industrial environment. Student leadership and safety are strongly emphasized. FFA leadership component.

AGR203  AGRICULTURE METALS/WOODS TECHNOLOGY III
Grades: 10-12
Course Fee: $25
Prerequisite: AGRICULTURE METALS/WOODS TECHNOLOGY II

Description: This class will be for students who have taken the first two courses in Metals and Woods. The students will continue to develop metalworking and woodworking skills that are required to enter related industries. The student will work independently and as team members in a simulated industrial environment. The students are required to complete 6 projects. FFA leadership component.
AGR204  AGRICULTURE METALS/WOODS TECHNOLOGY IV
Grades:  10-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: O
Prerequisite: Agriculture Metals and Woods Technology III

Description: The students will continue to develop metalworking/woodworking skills using the new state-of-the-art plasma cutter that are required to enter related industries. The student will work independently and as team members in a simulated industrial environment. The students are required to complete 6 projects. This class is repeatable for credit. FFA leadership component.

AGR251  FLORAL DESIGN I
Grades:  9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: None

Description: Labs include corsage, boutonnieres, rose bouquets, bow making, cornucopia arrangements and holiday specific arrangements. Students will make floral arrangements following the basic principles of design. This class will give students a hands-on opportunity to use their own creativity and artistic abilities in preparing their principles and elements of design. FFA leadership component.

AGR252  FLORAL DESIGN II
Grades:  9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Floral Design I or teacher's permission

Description: This is a continuation of Floral Design I. It includes arrangements, potted plants, pricing and selling in the floral shop. Plant identification is included in this class. Students will participate in the winter bulb sale and the spring plant sale. FFA leadership component.

AGR253  FLORAL DESIGN III
Grades:  10-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Floral Design II or teacher's permission

Description: The advanced class of Floral Design will review skills from Floral Design I & II with an emphasis on improved skill development. Projects will be determined by semester in which this class is offered. Wedding flowers, sympathy flowers, Plant ID, and Bud Vase of the week flowers will be the main focus. This class will probably be offered in alternating years. FFA leadership component.

AGR254  FLORAL DESIGN IV
Grades:  10-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Floral Design III or teacher's permission

Description: This advanced class of Floral Design will review skills from Floral Design I, II, & III with an emphasis in improved skill development. Projects will be determined by semester in which this class is offered, specifically, Plant ID, Product Display, dealing with customers, and creating arrangements will be covered. This class will be offered in alternating years. FFA leadership component.
AGR241  HORTICULTURE I
Grades: 9-12
Course Fee: $25
Semester: 0.5 credit
Prerequisite: None
Cross Credit: S, O

Description: Labs include: planting bulbs, cloning plants and photosynthesis experiments. This introductory course includes plant taxonomy, plants and their function, the environment, chemicals and asexual propagation. Students will have use of the school greenhouse for lab projects. Plant identification is a key component of this class. Sales and marketing of greenhouse projects is an activity of this class. FFA leadership component.

AGR242  HORTICULTURE II
Grades: 9-12
Course Fee: $25
Semester: 0.5 credit
Prerequisite: Horticulture I or teacher's permission
Cross Credit: S, O

Description: The second semester of this introductory course includes growing plants from seed, insect control, using plants in the landscape and pruning. Students will grow plants in the school greenhouse and do a sales and marketing project with the spring plant sale. FFA leadership component.

AGR242  GREENHOUSE OPERATIONS I
Grades: 10-12
Course Fee: $25
Semester: 0.5 credit
Prerequisite: Horticulture II
Cross Credit: O

Description: Landscaping is the major focus of this advanced class. Students will learn greenhouse maintenance and operations including a home landscape design with emphasis on nursery plant identification, and the needs of soil requirements for growth. Landscape maintenance will also be covered that includes lawns, pruning, fertilizing. A school landscape project will be included in this class. FFA leadership component.

AGR244  GREENHOUSE OPERATIONS II
Grades: 10-12
Course Fee: $25
Semester: 0.5 credit
Prerequisite: Greenhouse Operations I
Cross Credit: O

Description: Interior and exterior plantscaping is the major focus of this advanced class including advanced greenhouse maintenance and operation. Students will do a business interior and exterior landscape design with emphasis on plant identification and requirements for growth. Landscape maintenance will also be covered that includes lawns, pruning, fertilizing. FFA leadership component.
MTH112  APPLIED MATHEMATICS I
Grades: 9-12
Year: 1.0 credit
Course Fee: None
Cross Credit: M, O
Prerequisite: Algebra 1

Description: This course offers the opportunity to apply algebra/geometry concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. Areas of study are fractions, graphs, measuring, estimates, shapes, ratios, vectors, scientific notation, lines and angles. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FFA, FBLA, or TSA leadership component.

MTH113  APPLIED MATHEMATICS II
Grades: 10-12
Year: 1.0 credit
Course Fee: None
Cross Credit: M, O
Prerequisite: Applied Math I

Description: This course offers the opportunity to apply advanced algebra, geometry, trigonometry, probability, and statistics concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FFA, FBLA, or TSA leadership component.

Business Education and FBLA Leadership
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MTH356  ACCOUNTING I
Grades: 10-12
Year: 1.0 credit
Course Fee: $25
Cross Credit: M, O
Prerequisite: None

Description: The language of business. Students will learn how to keep financial records. They will learn journalizing, posting, completing work sheets, preparing financial reports, and calculating depreciation. On a personal basis, students will complete an IRS Form 1040 with detailed schedule A. In addition to work out of the text, students will complete simulated business projects. Emphasis will be placed on career exploration in this field. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. DECA and/or FBLA leadership component.
MTH357  ACCOUNTING II

Grades: 11-12
Year: 1.0 credit
Cross Credit: M, O

Course Fee: $25
Prerequisite: Successful Completion of Accounting I and teacher’s permission

Description: More advanced theories of accounting will be presented in this course, including work with partnerships, corporations, and departmental accounting. The student will learn basic principles and terminology of computerized accounting operations. Students will complete culminating business simulation projects. Emphasis will be placed on career exploration. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. DECA and FBLA leadership component.

BUS158  EXCEL IT ACADEMY (Excel & OneNote)

Grades: 9-12
Semester: 0.5 credit
Course Fee: $10
Prerequisite: None

Description: Students will learn the basics of Excel and OneNote 2013 software in depth and will take the Microsoft Office Specialist (MOS) Excel Core 2013 and OneNote 2013 industry certification tests multiple times at no cost to the student. Some of the Excel competencies will be creating/managing workbooks and worksheets, creating cells, ranges, and tables, applying formulas, and creating charts/graphs. Some OneNote competencies will be managing the OneNote environment, sharing/collaborating with other users, organizing notes, and edit/link content. FBLA leadership component.

BUS247  INTRODUCTION TO BUSINESS

Grades: 9-12
Semester: 0.5 credit
Course Fee: $10
Prerequisite: None

Description: This is an entry-level business class. Students will learn business principles regarding forms of business ownership, management skills, finance, marketing, production, and human resources. In addition, they will learn basic elements of a contract. Students will learn how different types of businesses market their products to consumers, and what customer services are needed to build a satisfied customer base. DECA and/or FBLA leadership component.

BUS365  ENTREPRENEURSHIP – GROWLING GROUNDS

Grades: 10-12
Semester: 0.5 credit
Course Fee: None
Prerequisite: Teacher’s permission and/or Marketing I and II OR Introduction to Business

Description: Students will manage the Growling Grounds espresso stand or the Pack Shack student store and must be in FBLA. The course focuses on managing a business including scheduling and training employees, maintaining inventory, customer service, and bookkeeping/accounting. Students will gain knowledge in the areas of business ownership, management, ethics, legal issues, and leadership necessary to establish and maintain a business. REQUIRED FBLA leadership component.

SST416  LAW AND BUSINESS ETHICS I

Grades: 9-12
Semester: 0.5 credit
Course Fee: $10
Prerequisite: None, but priority is given to seniors

Description: This course is designed to teach basic understanding of the law as it applies to society in general, to the individual citizen, and to minors. This course will cover the legal aspect of many situations common to everyday society such as civil law, criminal law, and basic contract law and business ethics. This course may be taken as senior social studies elective. There will be a field trip to a courthouse. DECA and/or FBLA leadership component.
SST417 LAW AND BUSINESS ETHICS II
Grades: 9-12
Course Fee: $10
Semester: 0.5 credit
Prerequisite: Law and Business Ethics I and priority is given to seniors
Cross Credit: SS (12th), O

Description: This course is more in-depth with business law concepts such as bailments, Uniform Commercial Code, agency, principal, and contractor relationships, financial documents, warranties, bankruptcy, and ethics. There will be a field trip to a courthouse. This course may be taken as a senior social studies elective. **DECA and/or FBLA leadership component.**

MTH401 BUSINESS MATH
Grades: 10-12
Course Fee: $10
Year: 1.0 credit
Prerequisite: Algebra 1

Description: Math content for this course includes calculating discounts, interest rates, percentages, and payroll problems. Emphasis will be placed on federal income tax, financial services and consumer spending/lending problems. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. **DECA and/or FBLA leadership component.**

SST412 ECONOMICS
Grades: 11-12
Course Fee: $10
Semester: 0.5 credit
Prerequisite: None but priority is given to seniors

Description: Learn how individuals/societies use scarce resources for the production of alternative goods and how they are distributed among society. Also emphasized are the economic principles upon which the free enterprise system is based. Students will study the role government plays in this system and compare the American economic system to other systems. Students will learn about consumer economics. This course may be taken as a senior social studies elective. **DECA and/or FBLA leadership component.**

BUS210 WEBSITE DESIGN
Grades: 9-12
Course Fee: None
Year: 1.0 credit
Prerequisite: None

MEETS 9TH GRADE TECH CLASS REQUIREMENT

Description: Students can earn 5 college credits first semester and 4 credits second semester. Students will learn basic HTML and how to use Microsoft Expression Web 4 and Adobe Dreamweaver. Projects for this class include working on the web pages attached to the CHS website and the continued development of the CHS/Tolt Yearbook. Class projects will follow the web design process, from project planning to presentation, to redesign, to completion/final evaluation. **FBLA and/or TSA leadership component.**

BUS157 WORD IT ACADEMY (Word & PowerPoint)
Grades: 9-12
Course Fee: $10
Semester: 0.5 credit
Prerequisite: Type 30 wpm recommended or teacher’s permission

MEETS 9TH GRADE TECH CLASS REQUIREMENT

Description: Students will learn the basics of Word and PowerPoint 2013 software in depth and may take the Microsoft Office Specialist (MOS) Word Core 2013 and PowerPoint 2013 industry certification test multiple times at no cost to the student. Some of the Word competencies will be customizing options and document views, formatting text and objects, and use of reference tools. Some PowerPoint competencies will be creating/managing presentations, formatting shapes/slides, creating effective slide content, and applying transitions and animations. In addition, students will research careers and use Word and PowerPoint to prepare their career presentation. **FBLA leadership component.**
MTH130  FINANCIAL PLANNING—PERSONAL FINANCE
Grades: 10-12
Course Fee: $10
Year: 1.0 credit
Prerequisite: None
Credit: M, O

Description: This course will teach students to develop financial literacy through real-world examples. Students will learn to make informed decisions related to spending, saving, credit, investing, identity theft, maintaining a checking account, purchasing a home and insurance, retirement and estate planning. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. **FBLA and/or DECA leadership component.**

BUS360  PROJECT MANAGEMENT I
Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: Concurrent membership in DECA, FBLA, FFA, TSA, or WCTSMA or other approved CHS leadership program

Description: Are you an officer of an organization at CHS or do you want to be one? This is the class for you. Students will learn tools and strategies for careful planning, scheduling, budgeting, execution, and control of effective school project events, assemblies, and committee work on time and under budget. The students can eventually become a certified project manager with continued courses in a "Project Management Certificate Program" in a post-secondary institution. Projects will be linked to activities in various leadership organizations on campus. Membership in one or more CTSO’s (Career and Technical Student Organizations: DECA, FBLA, FFA, TSA, WCTSMA, or FIRST Robotics/Tech Challenge) or other CHS leadership program is required.

BUS361  PROJECT MANAGEMENT II
Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: Concurrent membership in DECA, FBLA, FFA, TSA, or WCTSMA or other approved CHS leadership program

Description: This second course continues with opportunities for student leaders to hone their skills to become a project manager. Projects care linked to activities in various leadership organizations on campus. Membership in one or more CTSO’s (Career and Technical Student Organizations: DECA, FBLA, FFA, TSA, WCTSMA, or FIRST Robotics/Tech Challenge) or other CHS leadership program is required.

Marketing Education and DECA Leadership

DECA Leadership
Career Choices and Worksite Learning
MARKETING I & II
Sports Entertainment Marketing
Marketing III & IV

2015-2016 Cedarcrest Course Description Guide
MRK201  MARKETING I
Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: None

Description: Students will learn the basics of the free enterprise system and the U.S. economy. Students will learn how market decisions are made and will be able to make these same decisions through computer simulations and class activities. Leadership development will be a part of this class through DECA (www.WADECA.org). Students will have the opportunity to attend local, regional, state and national events to learn more about marketing and compete in classroom-related events. **DECA leadership component.**

MRK208  MARKETING II
Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: Marketing I OR Introduction to Business

Description: Continuation of Marketing I with special emphasis on the promotion. Students will learn how market/promotional decisions are made and will be able to make these same decisions through computer software and class activities. Leadership development available via DECA. Students will have the opportunity to attend local, regional, state and national events to learn more about marketing and compete in classroom-related events. **DECA leadership component.**

MRK214  MARKETING III
Grades: 10-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: Marketing II

Description: Marketing III is a unique and innovative course. The course is designed as an advanced application of the concepts learned in Marketing I and II. By focusing on this industry, we will allow students to apply concepts in “real-world” situations. An integral addition to the course will be the use of the national DECA organization as a leadership development tool. **DECA participation is required.**

MRK219  MARKETING IV
Grades: 10-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: Marketing III

Description: Marketing IV is a continuation of Marketing III with the student being the major influencer of the curriculum. The course is designed as an advanced application of the concepts learned in Marketing I-III. By focusing on this industry, students will apply concepts in “real-world” situations. An integral addition to the course will be the use of the national DECA organization as a leadership development tool. **DECA participation is required.**

MRK207  SPORTS & ENTERTAINMENT MARKETING
Grades: 10-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: Marketing II

Description: An introductory course which will develop an understanding of the marketing concepts and theories that apply to sports and sporting events. This course will cover basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and sports marketing plans. **DECA participation is required.**
**Worksite Experience**

**BUS345  WORKSITE LEARNING**

Grades: 11-12  
Semester/Year: 0.5/1.0 credit  
Course Fee: None  
Cross Credit: O  
Prerequisite: Career Choices concurrently

**Description:** Do you have a job and would like to earn high school credit for it? Students can earn up to a total of 2 credits. Students receive .5 credit for every 180 hours of work. Students must complete the necessary paperwork and return it to the CTE office by the 5th day of school of each term. This class is graded with a Credit/No Credit. Students must be enrolled in Career Choices course which meets during Advisory.

**BUS347  CAREER CHOICES**

Grades: 11-12  
Semester: 0.25 credit  
Course Fee: None  
Cross Credit: O  
Prerequisite: Taken concurrently with Worksite Learning

**Description:** This is career exploration for students who plan to participate in a worksite learning experience. Students explore career paths, create career goals, and design career plans. Students enrolled in Worksite Learning must be enrolled in this class to receive credit for work hours. Class meets during advisory. Grades are offered credit/no credit only. Can be repeated for credit; students will receive more in-depth training.

**Computer Programming and FIRST Robotics Leadership**

All students are required to earn 1.0 credit in Media, Visual, or Performing Arts to graduate from a high school in Washington. Audio Visual Communications Programs of Study in Photography, Animation, Video Cinema, and Digital Imaging are available for students and parents for planning of the 4-Year-and-Beyond Plan. Please ask the instructor for a copy. These Programs of Study are also located in the Career and Counseling Center and online at www.chs.riverview.wednet.edu.
CMP365  INTRODUCTION TO COMPUTER PROGRAMMING
Grades:  9-12
Course Fee:  $10
Prerequisite: Successful Completion of Algebra 1

Description: Students will receive a background in general computer programming principles. They will learn to program in C++. Objectives and activities of the course include understanding how a computer processes programs, writing programs, studying the advantages of structured programming, and involvement in writing and “debugging” personal programs. MEETS 9TH GRADE TECH CLASS REQUIREMENT—MUST COMMIT TO ENTIRE YEAR. FBLA, TSA and/or FRC leadership component.

CMP366  ADVANCED COMPUTER PROGRAMMING
Grades:  10-12
Course Fee:  $10
Prerequisite: Introduction to Computer Programming

Description: This class is for those students who are considering careers in the software industry. The class will focus on problem solving and turning solutions into usable code. Students will be programming in C++ and/or other programming languages. Those wishing to retake the course for credit will learn advanced programming techniques and may elect to learn other programming languages. FBLA, TSA and/or FRC leadership component.

CMP556  ROBOTICS
Grades:  10-12
Semester: 0.5 credit
Course Fee: $150 if student keeps robot; $10 if robot stays with the teacher
Prerequisite: Introduction to Computer Programming OR teacher’s permission

Description: Students learn the fundamentals of robotics. Students will incorporate the programming skills learned from the prerequisite class into building and programming a functional robot. They will build, program, and test a robot to navigate a maze and/or do other simple tasks. Students will purchase their own robot kits to take home when finished. Class may be repeated for credit. TSA and/or FRC leadership component

CMP371  PROGRAMMING FOR GAMES AND REAL-TIME SIMULATION
Grades:  10-12
Course Fee:  $10
Prerequisite: Advanced Computer Programming OR teacher’s permission

Description: For those seriously considering careers in the software industry. Class will focus on problem solving, game design, and turning solutions into real games, simulations or other applications. Students will program in C++ and/or other languages. Students will use DirectX and other rendering technologies. Class may be retaken for credit. FBLA, TSA and/or FRC leadership component.

CMP442  AP COMPUTER SCIENCE
Grades:  10-12
Course Fee:  $10 and AP exam fee
Prerequisite: Introduction to Computer Programming OR teacher’s permission

Description: Students will program in Java and prepare for the Advanced Placement (AP) computer science exam. Course credit is dependent upon completion of the AP exam. There is a fee for this exam. This is a one-credit class; credit with grade will be awarded in June after completion of the class. Students cannot drop this class at the end of the semester. College credit is available through the College-in-the-High-School Program at the University of Washington. FBLA, TSA and/or FRC leadership component.
Architecture & Engineering and FIRST Robotics Leadership

Programs of Study in Engineering & Technology are available for students and parents for planning of the 4-Year-and-Beyond Plan. Please ask the instructor for a copy. These Programs of Study are also located in the Career and Counseling Center and online at www.chs.riverview.wednet.edu.

IND252  ARCHITECTURAL AND ENGINEERING DESIGN I
Grades: 9-12
Year: 1.0 credit
Course Fee: $10 plus cost of 3D printed models
Prerequisite: None.
Description: Students learn Computer-Aided Drafting/Design (CADD) techniques. Standard modeling and drafting practices are learned and applied to drawings and engineering projects and drawings. A final design project is included each semester to challenge the student's knowledge and skill. STUDENTS MUST COMMIT TO ENTIRE YEAR. TSA and/or FRC leadership component.

IND352  ARCHITECTURAL AND ENGINEERING DESIGN II
Grades: 9-12
Year: 1.0 credit
Course Fee: $10 plus cost of 3D printed models
Prerequisite: Architectural and Engineering Design I
Description: Students learn advanced CADD techniques, including extensive work in 3D. Three dimensional models are created and rendered in various programs. Independent and group activities are included. TSA and/or FRC leadership component.

IND452  ARCHITECTURAL AND ENGINEERING DESIGN III
Grades: 10-12
Year: 1.0 credit
Course Fee: $10 plus cost of 3D printed models
Prerequisite: Architectural and Engineering Design II
Description: This course is for students who are seriously considering careers in engineering, architecture, interior design, and/or computer game design. Students will complete extensive work in 3D CADD and 3D modeling. TSA and/or FRC leadership component.

IND552  ARCHITECTURAL AND ENGINEERING DESIGN IV
Grades: 10-12
Semester: 0.5 credit
Course Fee: $10 plus cost of 3D printed models
Prerequisite: Architectural and Engineering Design III
Description: Students refine their skills in 3D modeling and illustration, keeping their customers in mind at all times. Student skill sets and projects are defined and evaluated by the student and instructor. TSA and/or FRC leadership component.
IND554  ARCHITECTURAL AND ENGINEERING DESIGN V
Grades: 10-12
Course Fee: $10 plus cost of 3D printed models
Semester: 0.5 credit
Prerequisite: Architectural and Engineering Design IV
Cross Credit: O

Description: Students refine their skills in 3D modeling and illustration, keeping their customers in mind at all times. Student skill sets and projects are defined and evaluated by the student and instructor. **TSA and/or FRC leadership component.**

IND553  ARCHITECTURAL AND ENGINEERING DESIGN VI
Grades: 10-12
Course Fee: $10 plus cost of 3D printed models
Semester: 0.5 credit
Prerequisite: Teacher’s permission
Cross Credit: O

Description: Students will design their own products and create working prototypes. This course is designed to take students through the design process from idea to working model. Students must write a proposal and have it pre-approved by the instructor before enrolling in the class. Concurrent enrollment in a manufacturing class is helpful, but not required. **TSA and/or FRC leadership component.**

IND555  ARCHITECTURAL AND ENGINEERING DESIGN VII
Grades: 10-12
Course Fee: $10 plus cost of 3D printed models
Semester: 0.5 credit
Prerequisite: Teacher’s permission
Cross Credit: O

Description: Students will design their own products and create working prototypes. This course will take students through the design process from idea to working model. Concurrent enrollment in a manufacturing class is helpful, but not required. May be repeated for credit. **TSA and/or FRC leadership component.**

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**Sports Medicine and WCTSMA Leadership**

Health Sciences Programs of Study in Sports Medicine is available for students and parents for planning of the 4-Year and Beyond Plan. Please ask the instructor for a copy. These Programs of Study are also located in the Career and Counseling Center and online at www.chs.riverview.wednet.edu.

![WCTSMA logo]

**SMD100  SPORTS MEDICINE I**
Grades: 9-12
Course Fee: $25
Year: 1.0 credit
Prerequisite: Health OR Anatomy/Physiology (recommended); either can be taken concurrently
Cross Credit: PE, O

Description: This course is designed as an intro to basic Sports Medicine concepts and designed for students interested in medical/science careers. Become certified in first aid/CPR/AED and learn ways to prevent, recognize, evaluate, rehabilitate and recondition an athletic injury. Anatomy/physiology, nutrition, and training/physical testing techniques are also covered. **WCTSMA leadership component.**
**SMD101  SPORTS MEDICINE LAB**

**Grades:** 9-12  
**Course Fee:** $15  
**Semester:** 0.5 credit  
**Cross Credit:** PE, O  
**Prerequisite:** Sports Medicine I, II, or III concurrently

**Description:** Students may enroll in Sports Medicine Lab after school, to put their skills to use in an actual work environment. Successful completion of 90 hours of laboratory experience will result in an additional 0.5 credits earned in Sports Medicine. Students in Sports Medicine I, II, or III are welcome! This class is repeatable for credit. Student must be enrolled in Sports Medicine I, II, or III concurrently. **WCTSMA leadership component.**

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**SMD200  SPORTS MEDICINE II**

**Grades:** 10-12  
**Year:** 1.0 credit  
**Course Fee:** $25  
**Cross Credit:** PE, O  
**Prerequisite:** Sports Medicine I

**Description:** Take a more in-depth look into the vast dynamics of Sports Medicine. Enhance your leadership skills and improve your injury evaluation skills. Nutrition and rehabilitation/conditioning concepts will be covered in greater detail, and you will design programs for various athletes/situations. You are required to job shadow a medical professional and enroll in Sports Medicine Lab. **WCTSMA leadership component.**

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**SMD300  SPORTS MEDICINE III**

**Grades:** 11-12  
**Year:** 1.0 credit  
**Course Fee:** $25  
**Cross Credit:** PE, O  
**Prerequisite:** Sports Medicine II

**Description:** This course will allow the advanced student to further develop their skills in Sports Medicine, career enhancement and leadership development through independent research, practice, and presentation opportunities. The course will consist of a combination of classroom instruction, seminars and community-based internship/experiences. **WCTSMA leadership component.**

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**Media, Performing and Visual Arts**

Students graduating in 2016, 2017, and 2018 are required to earn 1.0 credit in Media, Performing, and Visual Arts. Beginning with the **Class of 2019**, students will be required to earn **2.0 credits.**

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**Media Arts and TSA Leadership**

Audio Visual Communications Programs of Study in Photography, Animation, Video Cinema, and Digital Imaging are available for students and parents for planning of the 4-Year-and-Beyond Plan. Please ask the instructor for a copy. These Programs of Study are also located in the Career and Counseling Center and online at: [www.chs.riverview.wednet.edu](http://www.chs.riverview.wednet.edu).

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TEC140  DIGITAL IMAGING I
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Successful completion of Introduction to Media Arts or Intro to Animation/Imaging

Description: Students use vector and raster software to design and prepare original graphic content for print, Web, or multimedia. Students create original logos, retouch photographic images, and make photo-illustrations. Students also study desktop publishing as part of an overall digital design workflow. Develop a portfolio that showcases your digital imaging work. **TSA leadership component.**

TEC141  DIGITAL IMAGING II
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Successful completion of Digital Imaging I

Description: Students continue their semi-independent study of digital imaging with focus on design and creation of graphic content for print, Web, or multimedia. Students use vector, raster and desktop publishing tools as they make complex photo-illustrations and designs. Students in Digital Imaging II spend the semester creating a personal portfolio or working for clients. **TSA leadership component.**

TEC142  DIGITAL IMAGING III
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Successful completion of Digital Imaging II

Description: Students in Digital Imaging III continue their study of raster, vector, and layout tools while taking on a leadership role in the creation of print, Web, or multimedia content for school and community clients. Students create vector art, raster photo-composite illustrations, and larger design layouts. Students also focus on preparing a portfolio of their completed work. **TSA leadership component.**

TEC143  DIGITAL IMAGING IV
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Successful completion of Digital Imaging III or Intro to Photography/Video

Description: Students lead graphic design teams preparing print, Web, or multimedia content for school and community clients. Students create advanced vector art, raster photo-composite illustrations, and plan a graphic design campaign. Special emphasis is given to work on commercial design projects and a visual design thesis to culminate their professional portfolio. This class is repeatable for credit. **TSA leadership component.**

TEC130  PHOTOGRAPHY I
Grades: 9-12
Semester: 0.5 credit
Course Fee: $25
Cross Credit: FA, O
Prerequisite: Successful completion of Introduction to Media Arts

Description: Students work with traditional and digital photographic still cameras to capture a variety of image types. Students learn exposure techniques, zone system placement, drawing techniques and lighting approaches. Special emphasis is given to portraiture, product shots, and photojournalism. Students work in the darkroom and with the computer to prepare images for display and publication. **TSA leadership component.**
TEC131  PHOTOGRAPHY II

Grades: 9-12
Semester: 0.5 credit
Cross Credit: FA, O

Course Fee: $25
Prerequisite: Successful completion of Photography I

Description: Students continue their semi-independent study of traditional and digital photographic techniques. Special emphasis is given to commercial photographic approaches. Students work in the darkroom and with the computer to prepare images for display and publication. Students in Photography II spend the entire semester creating a substantive personal portfolio which includes drawing or work for clients. TSA leadership component.

TEC132  PHOTOGRAPHY III

Grades: 9-12
Semester: 0.5 credit
Cross Credit: FA, O

Course Fee: $25
Prerequisite: Successful completion of Photography II

Description: Students take on a leadership role in covering school and community events while continuing their study of traditional and digital photographic techniques. Special emphasis is given to event photography, drawing techniques, creative methods, complex lighting, and advanced workflow techniques. Students work to prepare images for display and publication. Students also focus on preparing a portfolio of their completed work. TSA leadership component.

TEC133  PHOTOGRAPHY IV

Grades: 9-12
Semester: 0.5 credit
Cross Credit: FA, O

Course Fee: $25
Prerequisite: Successful completion of Photography III

Description: Students in Photography IV lead photographic teams covering school and community events while continuing their study of traditional and digital photographic techniques. Special emphasis is given to work on commercial photographic practices and a photographic thesis to culminate their professional portfolio including drawing. This class is repeatable for credit. TSA leadership component.

TEC120  VIDEO CINEMA I

Grades: 9-12
Semester: 0.5 credit
Cross Credit: FA, O

Course Fee: $25
Prerequisite: Successful completion of Introduction to Media Arts

Description: Students develop skills in producing video for information or entertainment. Topics include video technology, basic equipment operation, visual composition, lighting, audio capture, sound mixing, video switching, production planning, scripting, and post-production editing. Students work individually and in small groups to create short video projects for DVD and online Webcast. TSA leadership component.

TEC121  VIDEO CINEMA II

Grades: 9-12
Semester: 0.5 credit
Cross Credit: FA, O

Course Fee: $25
Prerequisite: Successful completion of Video Cinema I

Description: Students in Video Cinema II continue their study of video production technology and techniques with additional emphasis on live TV production, informational videos, and movie making. Students develop their storytelling and narrative skills as they work in small teams to produce short videos for viewing in theater, on a TV screen, or on the Web. TSA leadership component.
TEC122  VIDEO CINEMA III
Grades: 9-12
Course Fee: $25
Semester: 0.5 credit
Cross Credit: FA,O
Prerequisite: Successful completion of Video Cinema II

Description: Students in Video Cinema III continue their study of the video production process while taking on a greater leadership role in live TV and movie making projects. Additional emphasis is placed on the importance of story development and script writing. Students also focus on building their portfolio as they craft their own individual dramatic or documentary movie. **TSA leadership component.**

TEC123  VIDEO CINEMA IV
Grades: 9-12
Course Fee: $25
Semester: 0.5 credit
Cross Credit: FA,O
Prerequisite: Successful completion of Video Cinema III

Description: Students act as producers and directors leading teams creating video content for viewing in theater, on a TV screen, or on the Web. Students are in charge of a team effort to create a dramatic or documentary movie with accompanying behind the scenes special feature. Students complete their portfolio with the successful premiere of their movie and release of their feature DVD. This class is repeatable for credit. **TSA leadership component.**

### Performing Arts: Drama and Public Speaking

**ART120  BEGINNING DRAMA**
Grades: 9-12
Course Fee: $10
Semester: 0.5 credit
Cross Credit: FA
Prerequisite: None

Description: Beginning Drama is a course designed for students who are interested in creating, performing and exploring drama. Coursework centers on helping students develop acting skills by participating in pantomime activities, theatre games, improvisation training, theatre skits, play preparation and play performance. Through class work, students will develop self-confidence, work effectively in an ensemble and explore their imagination. **Participation in an out-of-class performance is required for a passing grade.**

**ART121  ADVANCED DRAMA**
Grades: 9-12
Course Fee: $10
Semester: 0.5 credit
Cross Credit: FA
Prerequisite: Successful completion of Beginning Drama with B or better OR teacher’s permission

Description: This is an advanced course for students who have proven basic skills in acting. Emphasis is placed on student leadership in planning and production of plays. Students will continue to develop acting skills and work effectively in an ensemble. This class aims to provide understanding of professionalism and teamwork. **Participation in an out-of-class performance is required for a passing grade.**

**ART122  TECHNICAL THEATRE**
Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Cross Credit: FA
Prerequisite: None

Description: The purpose of technical theatre is to introduce students to the fundamentals of theatre production. Students learn about set design, set building, lighting, make-up, costume design along with other fundamentals. This is a hands-on course that gets students working with the tools and techniques of a theatrical production in a practical way.
ART130  PUBLIC SPEAKING
Grades: 9-12
Course Fee: None
Prerequisite: None
Description: Public speaking provides students the opportunity to deliver well organized and planned oral work in front of groups in a variety of situations. Students will improve their speaking skills through discussion, and informative, persuasive, and debate presentations. They will improve organizational and critical thinking skills to develop poise and confidence.

Performing Arts: Music

MUS151  CONCERT CHOIR
Grades: 9-12
Year: 1.0 credit
Course Fee: $30
Prerequisite: None
Description: All levels of vocal experience should join this fun and inviting ensemble which focuses on learning healthy vocal techniques, piano skills and reading music. We perform throughout the year in multiple concerts, community and school events. In this year-long course, we study a wide variety of genres to include pop, a cappella, musical theatre and a lot more! Members can audition/compete at state and Northwest festivals and audition for local competitions and honors choirs. No uniform purchase. Spring events and travel are offered to all students. Performances are required.

MUS155  CHAMBER CHOIR
Grades: 9-12
Year: 1.0 credit
Course Fee: $30
Prerequisite: Audition Required
Description: Advanced vocalists should audition for the CHS Chamber Choir. Chamber Choir rehearses during the school day. Class content is centered on a wide-variety of musical genres in both accompanied and a cappella singing. Students commit to advanced musicianship, learning parts outside of class, and traveling to festivals/competitions/clinics. Performances vary throughout the year (during school, night concerts and/or weekends). Members will purchase an assigned uniform for this year-long class. Members are eligible for regional, state and national festivals/competition. Spring events and travel are offered to all students. Performances are required.

MUS149  JAZZ CHOIR
Grades 9-12
Year: 1.0 Credit
Course Fee: $30
Prerequisite: Audition Required
Description: Advanced vocalists should audition for the CHS Jazz Choir. Jazz Choir rehearses Tuesdays, Thursdays and Fridays from 6-7AM. Class content is centered on Jazz standards, improvisation, a cappella singing and working with working with the Jazz Rhythm section. Students commit to advanced musicianship, learning parts outside of class and traveling to festivals/competitions/clinics. Performances vary throughout the year (during school, night concerts and/or weekends). Members will purchase an assigned uniform for this year-long class. Members are eligible for regional, state and national festivals/competitions. Morning rehearsals are required; Spring events and travel are offered to all students. Performances are required.
MUS152   HISTORY OF MUSIC
Grades:  9-12
Course Fee:  None
Semester:  0.5 credit
Prerequisite:  None
Cross Credit:  FA

Description:  This in-depth study of music history focuses on early rock while touching on many of its influences. Students will investigate elements of jazz, blues, soul, and a wide variety of historical figures in metal, funk, and fusion. Students can expect discussion, listening, group activities and a lot of sharing of personal interests and talents while studying events from 1850 to present. Active listening will be a major portion of daily lessons. Grading is based on participation/behavior in class, projects, concert reviews, and listening journal, quizzes, and exams.

MUS154   CONCERT BAND
Grades 9-12
Course Fee:  $185
Year 1.0 Credit
Prerequisite:  8th grade band or by teacher's permission
Cross Credit:  FA

Description:  This is a full year long performing ensemble composed of all incoming freshmen instrumental musicians. Concert band class will provide students with in-depth knowledge of their instruments, other instruments, elements of music, proper fundamentals of breathing and posture, appropriate band literature and rehearsal techniques. Special emphasis will be placed on developing musicianship, leadership and ensemble responsibility through performance in a variety of setting. All members of the ensemble will be required to participate in all combined activities such as marching band, pep band and all related rehearsals to those ensembles. Outside rehearsal requirements include but may not be limited to: a required band camp in August, evening rehearsals during the week from September through November, possible Saturday competitions and various festivals and clinics and one sectional a week. Class Fee pays for the following yearly necessities: All transportation costs, competition fees, show design costs, marching shoes (Freshmen only), uniform cleaning, clinicians, new music, East Shore Region Fees and equipment maintenance. *If a student is in Wind Ensemble and/or Concert Band and/or Percussion Methods only one $185 fee will apply.

MUS150   GUITAR
Grades:  9-12
Course Fee:  Student must provide own guitar
Semester:  0.5 credit
Prerequisite:  None
Cross Credit:  FA

Description:  This class is available for beginners, intermediate and advanced learners. We will learn/review fundamental guitar skills while building on current skills and interests. Lessons are paced for each student's ability level. Major focus areas are reading chords/tab, learning basic notation, rhythm, and reading music. Intermediate and advanced players are encouraged to register for second semester. Daily participation, performing, a course notebook, and quizzes/tests are major elements to grading.

MUS412   JAZZ BAND
Grades:  9-12
Course Fee:  $25
Semester:  0.25 credit
Prerequisite:  Spring/fall audition AND director's permission
Cross Credit:  FA

Description:  Advanced instrumentalists (trumpet/trombone/saxophone/piano/bass/ drums) rehearse daily (6:00 AM) and learn standard Jazz concepts (emphasis on improvisation). Performances are predominantly on weekends and evenings. Members are eligible for regional, state, northwest festivals and competitions. Attendance at all performances is required for a passing grade.
MUS201  PEROCCUSION METHODS  
Grades: 9-12  
Course Fee: $185  
Prerequisite: 6/7/8th grade band/percussion, or piano, other music experience or teacher’s permission  

Description: Performance techniques and methods for all instruments of the percussion family will be the focus of the course, including snare drum, timpani, the mallet, keyboards and various percussion “accessory” instruments. Course projects include class/concert demonstrations and performances, research in solo and ensemble literature and instruments. Students are expected to provide certain percussion class items. Items may include but are not limited to drum sticks, practice pad, marimba mallets, 5 gallon bucket and bell mallets. Class Fee pays for the following yearly necessities: All transportation costs, competition fees, show design costs, marching shoes (Freshmen only), uniform cleaning, clinicians, new music, East Shore Region Fees and equipment maintenance. *If a student is in Wind Ensemble and/or Concert Band and/or Percussion Methods only one $185 fee will apply.

MUS413  WIND ENSEMBLE  
Grades: 9-12  
Course Fee: $185  
Prerequisite: Audition  

Description: Experienced instrumentalists will perform in show band, parades, concerts, and at athletic events (pep). Spring events are offered: trips, parades, and special events. Members of the wind ensemble are eligible for Regional, All-State, and All-Northwest festivals, competitions, and honor bands. Outside class time requirements include some evening rehearsals until marching band ends in October and one sectional each week. Class Fee pays for the following yearly necessities: All transportation costs, competition fees, show design costs, uniform cleaning, clinicians, new music, East Shore Region Fees and equipment maintenance. Students will accept responsibility for a uniform. Musicians are eligible for the varsity academic music letter. Performances are required. *If a student is in Wind Ensemble and/or Concert Band and/or Percussion Methods only one $185 fee will apply.

Visual Arts

ART103  BASIC ART – (Level 1 – Fine Arts)  
Grades: 9-12  
Semester: 0.5 credit  
Course Fee: $20  
Prerequisite: None  

Description: This is a general class for all levels but is a great option for students who haven’t taken art in a long time or have never taken an art class. It is designed for students who want to experiment with a bit of everything like drawing, painting, sculpting, printmaking, and ceramics. Students will also learn the principles and elements of art basic to all visual experience.

ART106  PRINTMAKING  
Grades: 9-12  
Semester: 0.5 credit  
Course Fee: $20  
Prerequisite: Basic Art or Drawing/Painting recommended but not required  

Description: Printmaking is a form of art making that involves the reproduction of an image using various hands on techniques. Some of the techniques explored are woodcut, linocut, silkscreen, monotype and stencil. Students will have an opportunity to print images for posters, t-shirts, cards, and fine art pieces. Students will also learn about the history and set of traditions that belong to the world of printmaking.
ART226  ADVANCED CERAMICS/SCULPTURE

Grades:  9-12
Semester:  0.5 credit
Course Fee:  $25
Prerequisite: B or better in Fundamentals of Ceramics OR Fundamentals of Sculpture

Description: Continuing on to Advanced Ceramics/Sculpture will allow you to fulfill one “full” credit towards the fine arts requirement. Advanced Ceramics/Sculpture emphasizes more complex projects and introduces “throwing” on the pottery wheel and using a variety of surface design techniques.

YRB342  YEARBOOK/PHOTOGRAPHY

Grades:  9-12
Year:  1.0 credit
Course Fee:  None
Prerequisite: None

Description: The objective of this year-long class is to teach you all of the necessary skills to complete the annual publication of The Howler. We will explore and learn the technical and creative process of digital photography, study for image correction and manipulation, and learn the art of graphic layout and design. The class will also help develop writing, interviewing, editing, advertising, and marketing skills.

AGR251  FLORAL DESIGN I

Grades:  9-12
Semester:  0.5 credit
Course Fee:  $25
Prerequisite: None

Description: This introductory course includes careers in horticulture, history, principles of design and the conditioning of cut flowers. Emphasis is given to hands-on activities that revolve around holidays each semester. Sales and marketing of Christmas wreaths and centerpieces is part of this class. Plant Identification will be part of the class. Corsages and boutonnieres, mechanics and bow making are covered in this class. FFA leadership component.

AGR252  FLORAL DESIGN II

Grades:  9-12
Semester:  0.5 credit
Course Fee:  $25
Prerequisite: Floral Design I or teacher’s permission

Description: This is a continuation of Floral Design I. It includes arrangements, potted plants, pricing and selling in the floral shop. Plant identification is included in this class. Students will participate in the winter bulb sale and the spring plant sale. FFA leadership component.

AGR253  FLORAL DESIGN III

Grades:  10-12
Semester:  0.5 credit
Course Fee:  $25
Prerequisite: Floral Design II or teacher’s permission

Description: The advanced class of Floral Design will review skills from Floral Design I & II with an emphasis on improved skill development. Projects will be determined by semester in which this class is offered. Wedding flowers, sympathy flowers, Plant ID, and Bud Vase of the week flowers will be the main focus. This class will probably be offered in alternating years. FFA Floral competition highly recommended. FFA leadership component.
AGR254  FLORAL DESIGN IV

Grades: 10-12
Course Fee: $25
Semester: 0.5 credit
Prerequisite: Floral Design III or teacher’s permission

Description: This advanced class of Floral Design will review skills from Floral Design I, II, & III with an emphasis on improved skill development. Projects will be determined by semester in which this class is offered, specifically, Plant ID, Product Display, dealing with customers, and creating arrangements will be covered. This class will be offered in alternating years. FFA Floral competition highly recommended. FFA leadership component.

ART125  HANDS-ON DESIGN

Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: None

Description: The class will expose students to the commercial art world. Students will learn the necessary fine art skills like the elements of art, principles of design and basic drawing and model building. The difference from other art classes is that this class will show a real-life application of these art skills. It will expose students to commercial artists and what their creative process entails. Students will complete projects like a logo for a company, a packaging design, a cardboard version of a chair design, a fashion design piece and an interior space in a shoebox.

ART252  DRAWING AND PAINTING - (Level 2 – Fine Arts)

Grades: 9-12
Course Fee: $20
Semester: 0.5 credit
Prerequisite: none

Description: This is a class for anyone who wants to improve or learn drawing and painting skills. Students will use a variety of art supplies like graphite, charcoal, pen, pastel and acrylic paint. There will be several cartooning projects incorporated into the curriculum along with traditional subject matter like still life and portraiture. All talent levels are welcome!

ART353  ADVANCED DRAWING AND PAINTING - (Level 3 – Fine Arts)

Grades: 9-12
Course Fee: $25
Semester: 0.5 credit
Prerequisite: B or better in Fundamentals of Painting/Drawing or Basic Art or Teacher’s permission

Description: Students will continue to use their drawing/painting skills with a greater emphasis on creating “original” works of art using a variety of materials and techniques. Students will create a small portfolio of work that will show breadth and concentration on a certain subject matter. Art history and contemporary art will also be a focus of this course.

ART400  AP STUDIO ART - (Level 4 – Fine Arts)

Grades: 10-12
Course Fee: $50 fee per year and Optional AP Testing Fee
Year: 1.0 credit
Prerequisite: B or higher in Basic Art OR Fundamentals of Drawing/Painting and Teacher’s permission

Description: This is a year-long rigorous course taught with the Advanced Placement guidelines. Students will continue to use their drawing/painting skills with a greater emphasis on creating “original” works of art. Each student is required to complete a portfolio of work. In May students have the option of submitting their portfolio for AP assessment.
ART222  FUNDAMENTALS OF CERAMICS  
Grades: 9-12  
Course Fee: $25  
Prerequisite: None  
Description: This foundation course focuses on hand building techniques. You will make and analyze pottery with an emphasis on form and content, as well as develop your personal skills with slab, coil and sculpting techniques. Some writing and art history projects will help you develop a better understanding of the importance of pottery making throughout history.

ART303  FUNDAMENTALS OF SCULPTURE  
Grades: 9-12  
Course Fee: $25  
Prerequisite: None  
Description: Hands-on methods of carving, assemblage and sculptural modeling will be explored through the use of materials such as wood, clay, wire and found objects. Conceptual issues such as spatial orchestration, scale relationships, material interactions and tolerances will be discussed.

Foreign Language

All foreign language classes are elective courses. However, students need to earn two credits of the same foreign language to attend a 4-year state college or university. It is recommended that students begin their foreign language instruction as soon as possible. Foreign language courses require students to master the basic structures and vocabulary of the language and to practice their oral and written use on a consistent, day-to-day basis. For some students, success may require constant memorization.

FRN101  FRENCH I  
Grades: 10-12  
Course Fee: $35  
Prerequisite: None  
Description: French I will provide an introduction to the language and culture of the French speaking world. Students will develop listening, speaking, reading and writing skills through interpersonal interactions with their teacher peers, lectures, discussions and hands-on activities. Students will also be exposed to the culture and history of the Francophone countries through games, videos, music and art. French II will be offered in the 2016-2017 school year.

JPN201  JAPANESE II  
Grades: 10-12  
Course Fee: None  
Prerequisite: C or better in Japanese I OR teacher’s permission  
Description: Japanese II will continue to develop and reinforce acquired language, with more kanji and more complex grammar. Students will deepen their listening, speaking, reading, and writing skills through interpersonal interactions with their teacher and peers, lectures, discussions and hands-on activities. Students will also be exposed to the culture and history of Japan through games, videos, music and art.
SPA101  SPANISH I

Grades:  9-12  
Year:  1.0 credit  
Course Fee:  $35  
Cross Credit:  EL

Prerequisite: None

Description: Spanish I students learn Spanish through listening, speaking, and writing with use of a textbook, workbooks, CDs, DVDs, PowerPoint presentations, partner-based interactive activities, and individual presentations aimed at teaching basic vocabulary and grammar. Spanish culture is also studied.

SPA201  SPANISH II

Grades:  10-12  
Year:  1.0 credit  
Course Fee:  $35  
Cross Credit:  EL

Prerequisite: C or better in Spanish I OR teacher's permission

Description: Spanish II students continue to learn Spanish through listening, speaking, and writing with the use of a textbook, workbooks, CDs, DVDs, PowerPoint presentations, partner-based interactive activities, and individual presentations aimed at teaching basic vocabulary and grammar. Spanish culture continues to be studied.

Language Arts

9th GRADE LANGUAGE ARTS COURSES (1.0 Credit Is Required)

ENG103  ENGLISH 9

Grades:  9  
Year:  1.0 credit  
Cross Credit:  E

Course Fee: None  
Prerequisite: None

Description: Analysis of short stories, poetry, drama, and the novel is taught; grammar and punctuation are reviewed. Both analytical writing and personal response are taught and practiced following the Six Traits writing model, and this writing is evaluated based on the state's three assessment areas for writing: ideas, style, and conventions. Students develop and practice communication skills such as listening and working in a group. Outside reading is required.

ENG121  HONORS ENGLISH 9

Grades:  9  
Year:  1.0 credit  
Cross Credit:  E

Course Fee: None  
Prerequisite: Selection is based on previous grade in English, teacher's recommendation and essay application

Description: Honors English 9 focuses on reading literature from various genres and studying the characteristics of those genres: writing literary analyses, and studying vocabulary, grammar, and usage. Honors 9 provides the foundation of skills necessary for continued success in the honors program at CHS. Course demands are rigorous. Outside reading is required.
### 10th GRADE LANGUAGE ARTS COURSES (1.0 Credit Is Required)

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<th>Year:</th>
<th>Course Fee:</th>
<th>Prerequisite:</th>
<th>Description:</th>
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<tbody>
<tr>
<td>ENG205</td>
<td>ENGLISH 10</td>
<td>10</td>
<td>1.0</td>
<td>None</td>
<td>None</td>
<td>Analysis of short stories, poetry, drama, and the novel will be reinforced. Analytical and personal response writing are taught and practiced following the Six Traits writing model. This writing is based on the state’s three assessment areas for writing: ideas, style, and conventions. Students are also prepared for the state-mandated assessment. Outside reading is required.</td>
</tr>
<tr>
<td>ENG221</td>
<td>HONORS ENGLISH 10</td>
<td>10</td>
<td>1.0</td>
<td>None</td>
<td>Completion of Honors English 9 with a “B” or better or teacher’s signature</td>
<td>Students in this year long course will read classical and contemporary literature as they develop and practice close reading and literary analysis skills. Students will write for a variety of purposes. Course requirements are stringent, and nightly reading and or writing homework should be expected.</td>
</tr>
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### 11th GRADE LANGUAGE ARTS COURSES (1.0 Credit Is Required)

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<th>Course Code</th>
<th>Course Title</th>
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<th>Year:</th>
<th>Course Fee:</th>
<th>Prerequisite:</th>
<th>Description:</th>
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<tbody>
<tr>
<td>ENG306</td>
<td>ENGLISH 11</td>
<td>11</td>
<td>1.0</td>
<td>None</td>
<td>None</td>
<td>English 11 is a survey of major U.S. writers. Students will gain practice in analytical and argumentative writing while developing their knowledge of writing conventions: structure, style, and the citation of source material (MLA guidelines). Outside reading is required.</td>
</tr>
<tr>
<td>ENG360</td>
<td>AP LANGUAGE AND COMPOSITION</td>
<td>11</td>
<td>1.0</td>
<td>AP Exam Fee</td>
<td>Completion of Honors English 10 with a B grade or better or teacher’s signature</td>
<td>This class is a year-long course designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Nightly reading, essays and in-class timed writes are to be expected. Students are required to take the AP Language and Composition exam.</td>
</tr>
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</table>
**12th GRADE LANGUAGE ARTS COURSES (1.0 Credit Is Required)**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grades:</th>
<th>Year:</th>
<th>Course Fee:</th>
<th>Cross Credit:</th>
<th>Prerequisite:</th>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG403</td>
<td>ENGLISH 12</td>
<td>12</td>
<td>1.0</td>
<td>None</td>
<td>E</td>
<td>English 11</td>
<td>English 12 is a survey of British and world literature. Students will write in a variety of formats including college prep work and creative writing. Students will continue their practice and application of writing conventions, structure, style, and the citation of source material in MLA format.</td>
</tr>
<tr>
<td>ENG410</td>
<td>AP LITERATURE AND COMPOSITION</td>
<td>12</td>
<td>1.0</td>
<td>AP Exam Fee</td>
<td>E</td>
<td>Completion of AP Language and Composition or teacher’s signature</td>
<td>Because the course is conducted like a seminar, each student is expected to contribute consistently to the discussions. Nightly readings, essays, and in-class timed writes are to be expected. Students are required to take the AP Literature and Composition exam.</td>
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</tbody>
</table>

### Mathematics

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grades:</th>
<th>Year:</th>
<th>Course Fee:</th>
<th>Cross Credit:</th>
<th>Prerequisite:</th>
<th>Description:</th>
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</thead>
<tbody>
<tr>
<td>MTH111</td>
<td>PRE-ALGEBRA</td>
<td>9</td>
<td>1.0</td>
<td>None</td>
<td>M</td>
<td>Teacher’s recommendation</td>
<td>This course is intended for students at the 9th grade level who need review of math skills in order to be successful in Algebra 1. Topics covered include solving equations and inequalities, graphing linear equations, exploring patterns, rational number operations, basic geometry, ratio and proportion, and statistical graphs and applications.</td>
</tr>
<tr>
<td>MTH152</td>
<td>ALGEBRA 1</td>
<td>9-12</td>
<td>1.0</td>
<td>None</td>
<td>M</td>
<td>Successful completion of Pre-Algebra (recommended grade of C- or better) or teacher’s recommendation</td>
<td>This course includes the study of rational and real number operations, solving equations and inequalities, evaluating expressions, polynomial operations, factoring polynomials, solving quadratic equations, linear graphing, proportions, operations with radicals and some advanced algebra topics.</td>
</tr>
<tr>
<td>MTH250</td>
<td>GEOMETRY</td>
<td>9-12</td>
<td>1.0</td>
<td>None</td>
<td>M</td>
<td>Successful completion of Algebra 1 (recommended grade of C- or better)</td>
<td>This course includes the study of the fundamental units of plane geometry (points, lines, planes, and angles), congruency, similarity, two and three dimensional objects and basic trigonometric functions. Deductive methods of reasoning and logic, geometry axioms, and algebraic concepts will be applied to and with geometric properties.</td>
</tr>
</tbody>
</table>
MTH252  ALGEBRA 2
Grades: 9-12
Year: 1.0 credit
Course Fee: Graphing calculator will be required at times
Prerequisite: Successful completion of Geometry (recommended grade of C- or better.)

Description: This course includes solving linear and quadratic equations, solving systems of linear equations and inequalities, graphing functions, linear programming, operations with rational expressions and exponents, trigonometry properties and laws, with some study of probability and statistics.

MTH255  HONORS ALGEBRA 2
Grades: 9-12
Year: 1.0 credit
Course Fee: Graphing calculator will be required at times
Prerequisite: B- or better in Geometry or teacher’s recommendation

Description: This course includes the same topics as Algebra 2, but it will move at a quicker pace, include more independent work and projects, and offer the study of more advanced problems. This course is recommended for students who are interested in continuing into Honors Pre-Calculus and AP Calculus.

MTH462  PRE-CALCULUS
Grades: 9-12
Year: 1.0 credit
Course Fee: Graphing Calculator Required
Prerequisite: Successful completion of Algebra 2 (recommended grade of C- or better.)

Description: This course will focus on graphical representation of advanced algebraic relations and trigonometric functions. The topics include polynomial, rational, exponential and logarithmic functions. Trig functions and their applications will also be covered. Additional topics include sequences, series, probability, and analytic geometry.

MTH460  HONORS PRE-CALCULUS
Grades: 9-12
Year: 1.0 credit
Course Fee: Fee for UW credit if desired
Prerequisite: Grade of B- or better in Algebra 2 or teacher’s permission

Description: This course is intended for students who are interested in AP Calculus. This course will focus on graphical representation of advanced algebraic relations and trigonometric functions. Topics include polynomial, rational, exponential, logarithmic and trig functions with applications. Emphasis is placed on multi-step problem solving. College credit is available through the University of Washington College-in-the-High School Program with Junior or Senior standing, registration, payment, and completion of class.

MTH466  AP CALCULUS AB
Grades: 9-12
Year: 1.0 credit
Course Fee: AP Exam Fee and graphing calculator required
Prerequisite: Completion of Pre-Calculus or teacher’s permission

Description: This course parallels a college-level introductory calculus course. Topics covered in the curriculum include limits, derivatives and applications of the derivative, and integration and applications of the integration. Functions studied include linear, polynomial, logarithmic, trigonometric and exponential. Students are required to take the AP Calculus AB Exam.
MTH450 AP STATISTICS

Grades: 9-12
Year: 1.0 credit
Course Fee: AP Exam Fee and graphing calculator required
Prerequisite: Completion of Pre-Calculus or grade of B or better in Algebra 2 with teacher’s recommendation

Description: This course parallels an introductory statistics course at the college level. This course introduces the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four main themes of the course are exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students are required to take the AP Statistics Exam.

CMP442 AP COMPUTER SCIENCE

Grades: 10-12
Year: 1.0 credit
Course Fee: $10 and AP exam fee
Prerequisite: Introduction to Computer Programming OR teacher’s permission

Description: Students will program in Java and prepare for the Advanced Placement (AP) computer science exam. Course credit is dependent upon completion of the AP exam. There is a fee for this exam. This is a one-credit class; credit with grade will be awarded in June after completion of the class. Students cannot drop this class at the end of the semester. College credit is available through the College-in-the-High-School Program at the University of Washington. FBLA, TSA and/or FRC leadership component.

MTH356 ACCOUNTING I

Grades: 10-12
Year: 1.0 credit
Course Fee: $25
Prerequisite: None

Description: The language of business. Students will learn how to keep financial records. They will learn journalizing, posting, completing work sheets, preparing financial reports, and calculating depreciation. On a personal basis, students will complete an IRS Form 1040 with detailed schedule A. In addition to work out of the text, students will complete simulated business projects. Emphasis will be placed on career exploration in this field. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FBLA and/or DECA leadership component.

MTH357 ACCOUNTING II

Grades: 11-12
Year: 1.0 credit
Course Fee: $25
Prerequisite: Successful Completion of Accounting I and teacher’s permission

Description: More advanced theories of accounting will be presented in this course, including work with partnerships, corporations, and departmental accounting. The student will learn basic principles and terminology of computerized accounting operations. Students will complete culminating business simulation projects. Emphasis will be placed on career exploration. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FBLA and/or DECA leadership component.

MTH112 APPLIED MATHEMATICS I

Grades: 9-12
Year: 1.0 credit
Course Fee: None
Prerequisite: Algebra 1

Description: This course offers the opportunity to apply algebra/geometry concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. Areas of study are fractions, graphs, measuring, estimates, shapes, ratios, vectors, scientific notation, lines and angles. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FFA, FBLA, or TSA leadership component.
MTH113  APPLIED MATHEMATICS II
Grades: 10-12
Year: 1.0 credit
Course Fee: None
Prerequisite: Applied Math I

Description: This course offers the opportunity to apply advanced algebra, geometry, trigonometry, probability, and statistics concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FFA, FBLA, or TSA leadership component.

MTH401  BUSINESS MATH
Grades: 10-12
Year: 1.0 credit
Course Fee: $10
Prerequisite: Algebra 1

Description: Math content for this course includes calculating discounts, interest rates, percentages, and payroll problems. Emphasis will be placed on federal income tax, financial services and consumer spending/lending problems. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FBLA and/or DECA leadership component.

MTH130  FINANCIAL PLANNING—PERSONAL FINANCE
Grades: 10-12
Year: 1.0 credit
Course Fee: None
Prerequisite: Algebra 1

Description: This course will teach students to develop financial literacy through real-world examples. Students will learn how to make informed decisions related to spending, saving, credit, investing, identity theft, maintaining a checking account, purchasing a home and insurance, applying for college grants and scholarships, retirement and estate planning. This course may be taken to satisfy a 3rd-year or 4th-year math credit for graduation. FBLA and/or DECA leadership component.

Health & Physical Education

Courses give students an introduction to specific skills and basic understanding of physical conditioning. Students must suit up for participation. Two credits of high school PE and .5 credit of Health are required to graduate. Students will only be allowed one PE class per semester. Exceptions must have prior department approval. PE credit is not awarded for participation in athletics and activities.

PED104  HEALTH & FITNESS
Grades: 9
Semester: 0.5 credit
Course Fee: None
Prerequisite: None

Description: Areas of study will include CPR, physical fitness, cooperation, nutrition, self-esteem, stress management, communication, risk factors for disease and prevention, drug effects and consequence of use/abuse, FLASH (Family Life and Sexual Health) and KNOW (HIV/AIDS) curriculum. Students will be graded on participation and effort, projects, and examinations. 9th grade requirement. This course counts toward the 2 credit Health/PE requirement for graduation.
PED105  ADVANCED HEALTH  
Grades:  11-12  
Semester:  0.5 credit  
Course Fee:  None  
Prerequisite:  Successful completion of Health & Fitness  

Description:  This course is open to juniors and seniors who would like to pursue a deeper knowledge of health. Areas of study will include exploration of health-related careers, current health issues, and behavior change for healthier living, disease prevention and wellness. Students will be graded on projects, assignments, examinations, and documented out-of-school exercise.

PED358  TEAM SPORTS  
Grades:  9-12  
Semester:  0.5 credit  
Course Fee:  None  
Prerequisite:  None  

Description:  This course is designed to teach fundamental techniques, rules and strategies of team sports. Students will participate in daily cardiovascular exercises, various team and individual games and other cooperative group activities. Games played in this course may include soccer, softball, flag football, basketball, volleyball, badminton and pickleball. Students will be graded on daily participation, effort, assignments, written and physical tests.

PED257  AEROBIC FITNESS  
Grades:  9-12  
Semester:  0.5 credit  
Course Fee:  None  
Prerequisite:  None  

Description:  A variety of activities including step and floor aerobics, strength training, speed walking/jogging, pilates, yoga, and fitness stations are incorporated to increase the student’s physical fitness and aerobic capacity to promote life-long wellness. The students will be graded on participation and effort, assignments and tests.

PED356  STRENGTH AND CONDITIONING  
Grades:  9-12  
Semester:  0.5 credit  
Course Fee:  None  
Prerequisite:  None  

Description:  This course is designed for both male and female students of all physical ability levels, who want to begin or continue a strength training program. The course focuses on developing the understanding, technique, physical conditioning, safety and experience necessary to engage in a regular strength and conditioning program. Strength training, general physical training, exercise concepts, testing, evaluation and program design are integrated throughout all units. Pre/post fitness/strength testing is a course requirement.

SMD100  SPORTS MEDICINE I  
Grades:  9-12  
Year:  1.0 credit  
Course Fee:  $25  
Prerequisite:  Health OR Anatomy/Physiology (recommended); either can be taken concurrently  

Description:  This course is designed as an intro to basic Sports Medicine concepts and designed for students interested in medical/science careers. Become certified in first aid/CPR/AED and learn ways to prevent, recognize, evaluate, rehabilitate and recondition an athletic injury. Anatomy/physiology, nutrition, and training/physical testing techniques are also covered. WCTSMA leadership component.
SMD101  SPORTS MEDICINE LAB  
Grades: 9-12  
Semester: 0.5 credit  
Course Fee: $15  
Cross Credit: PE, O  
Prerequisite: Sports Medicine I, II, or III concurrently  

Description: Students may enroll in Sports Medicine Lab after school, to put their skills to use in an actual work environment. Successful completion of 90 hours of laboratory experience will result in an additional 0.5 credits earned in Sports Medicine. Students in Sports Medicine I, II, or III are welcome! Repeatable for credit. Must be enrolled in Sports Medicine I, II, or III concurrently. WCTSMA leadership component.

SMD200  SPORTS MEDICINE II  
Grades: 10-12  
Year: 1.0 credit  
Course Fee: $25  
Cross Credit: PE, O  
Prerequisite: Sports Medicine I  

Description: Take a more in-depth look into the vast dynamics of Sports Medicine. Enhance your leadership skills and improve your injury evaluation skills. Nutrition and rehabilitation/conditioning concepts will be covered in greater detail, and you will design programs for various athletes/situations. You are required to job shadow a medical professional and enroll in Sports Medicine Lab. WCTSMA leadership component.

SMD300  SPORTS MEDICINE III  
Grades: 11-12  
Year: 1.0 credit  
Course Fee: $25  
Cross Credit: PE, O  
Prerequisite: Sports Medicine II  

Description: This course will allow the advanced student to further develop their skills in Sports Medicine, career enhancement and leadership development through independent research, practice, and presentation opportunities. The course will consist of a combination of classroom instruction, seminars and community-based internship/experiences. WCTSMA leadership component.

## Science

### Science Sequence

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</tr>
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<tr>
<td>Anatomy and Physiology</td>
<td>Honors Chemistry</td>
</tr>
<tr>
<td>Chemistry</td>
<td>AP Biology</td>
</tr>
<tr>
<td>Physics</td>
<td>AP Physics</td>
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</tbody>
</table>

### Honors Science Sequence

<table>
<thead>
<tr>
<th>Level I</th>
<th>Level I</th>
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<tbody>
<tr>
<td>Physical Science</td>
<td>Honors Physical Science</td>
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<table>
<thead>
<tr>
<th>Level II</th>
<th>Level II</th>
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</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Honors Biology</td>
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<table>
<thead>
<tr>
<th>Level III</th>
<th>Level III</th>
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</thead>
<tbody>
<tr>
<td>Anatomy and Physiology</td>
<td>Honors Chemistry</td>
</tr>
<tr>
<td>Chemistry</td>
<td>AP Biology</td>
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<tr>
<td>Physics</td>
<td>AP Physics</td>
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<tr>
<td>LEVEL ONE</td>
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</tr>
<tr>
<td><strong>SCI107</strong></td>
<td>PHYSICAL SCIENCE</td>
</tr>
<tr>
<td><strong>Course Fee:</strong></td>
<td>$7</td>
</tr>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>None</td>
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</tbody>
</table>

**Description:** This two-semester survey course provides an introduction to science skills and basic concepts in chemistry and physics. With laboratory work as a central feature, students will engage in active discussion and outside reading as they learn to think scientifically. The course provides essential preparation for later science courses.

<table>
<thead>
<tr>
<th>SCI120</th>
<th>HONORS PHYSICAL SCIENCE</th>
<th>Grades: 9</th>
<th>Year: 1.0 credit</th>
<th>Cross Credit: S</th>
</tr>
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<tbody>
<tr>
<td><strong>Course Fee:</strong></td>
<td>$7</td>
<td></td>
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<tr>
<td><strong>Prerequisite:</strong></td>
<td>B or better in middle school science and application required</td>
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**Description:** This course provides qualified and interested students with enrichment opportunities as they study concepts in chemistry and physics. As part of the science department's research strand, the course will require students to conduct independent research in areas of interest. Concurrent enrollment in Geometry is recommended.

| LEVEL TWO |
|------------------|------------------|------------------|------------------|
| **SCI201**       | BIOLOGY          | Grades: 10       | Year: 1.0 credit |
| **Course Fee:**  | $7               | Cross Credit: S  |                 |
| **Prerequisite:**| None             |                  |                 |

**Description:** This class introduces living organisms, their structures and systems in which they live. Topics covered include the nature of living things, ecology, biological cycles, cells, photosynthesis and respiration, genetics, natural selection as it pertains to evolutionary theory, classification, and an introduction to the six kingdoms of living organisms. Frequent laboratory exercises and projects are required components of this course.

<table>
<thead>
<tr>
<th>SCI207</th>
<th>HONORS BIOLOGY</th>
<th>Grades: 10</th>
<th>Year: 1.0 credit</th>
<th>Cross Credit: S</th>
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<tbody>
<tr>
<td><strong>Course Fee:</strong></td>
<td>$7</td>
<td></td>
<td></td>
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<tr>
<td><strong>Prerequisite:</strong></td>
<td>Application required</td>
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**Description:** This course will cover the same topics as SCI201 with supplemental readings and activities, as well as more in-depth laboratory experiences. As part of the CHS Science department's research strand, this course will require students to conduct independent research in areas of interest.

<table>
<thead>
<tr>
<th>AGR241</th>
<th>HORTICULTURE I</th>
<th>Grades: 9-12</th>
<th>Semester: 0.5 credit</th>
<th>Cross Credit: S, O</th>
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</thead>
<tbody>
<tr>
<td><strong>Course Fee:</strong></td>
<td>$25</td>
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<tr>
<td><strong>Prerequisite:</strong></td>
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</table>

**Description:** This introductory course includes plant taxonomy, plants and their function, the environment, chemicals and asexual propagation. Students will have use of the school greenhouse for lab projects. Plant identification is a key component of this class. Students will also do a floral design project. Sales and marketing of greenhouse projects is an activity of this class. **FFA leadership component.**
AGR242  HORTICULTURE II
Grades:  9-12
Course Fee:  $25
Prerequisite:  Horticulture I or teacher's permission

Description:  The second semester of this introductory course includes growing plants from seed, insect control, using plants in the landscape and pruning. Students will grow plants in the school greenhouse and do a sales and marketing project with the spring plant sale.  **FFA leadership component.**

LEVEL THREE

SCI208  AP BIOLOGY
Grades:  11-12
Course Fee:  $7 + AP Exam Fee
Prerequisite:  B or better in Biology and C or better in Chemistry, application required

Description:  AP Biology is the equivalent of a two-term college level biology class. Key concepts and related content are taught as defined by the revised AP College Board's course and exam which focuses on core understanding of interrelationships of four big ideas in biology: evolution, cell processes, information transfer, and ecology. Science processes are emphasized by self-inquiry student-driven laboratory exercises supporting the four big ideas. Students are required to take the AP Biology exam.

SCI212  ANATOMY AND PHYSIOLOGY
Grades:  11-12
Course Fee:  $25
Prerequisite:  C or better in Biology

Description:  This class provides a study of the structures and functions of mammalian systems. Class includes lecture, discussions, group and laboratory exercises to accompany concepts. Cat dissection is mandatory. Term I will include cell structure, tissues, skin, skeletal, muscular and nervous systems. Term II will include respiratory, immune, digestive, circulatory, excretory, endocrine and reproductive systems.

SCI351  CHEMISTRY
Grades:  11-12
Course Fee:  $7
Prerequisite:  C or better in Biology and concurrent enrollment in Algebra 2 or higher

Description:  Students in this lab-based course will develop an awareness of the concepts of inorganic chemistry. Term I topics will include: atomic structure, chemical nomenclature, chemical periodicity, states and behavior of matter, chemical bonding and electron configurations. Term II topics will include stoichiometry, gas laws, reaction rates, equilibrium, acids, bases and electrochemistry.

SCI355  HONORS CHEMISTRY
Grades:  11-12
Course Fee:  $7
Prerequisite:  Application required, B or better in Biology and B or better or concurrent enrollment in Algebra 2 or higher

Description:  This course provides an advanced study of chemical concepts taught in SCI351 and is recommended for students who are interested in pursuing a science-related field in college. Students will work in lecture, discussions, laboratory groups and individual project situations. Maintenance of a laboratory notebook is required, as well as a cumulative course project.
SCI451  PHYSICS  
Grades:  11-12  
Course Fee:  $7  
Prerequisite: Grade of C or better in Biology or Chemistry and Algebra 2  

Description: Physics is the study of the fundamental laws that determine the workings of the universe. The topics covered include: motion, force, gravity, momentum, energy, heat, fluids, waves, sound, light, optics, electricity, and magnetism. Although fundamental concepts are emphasized, many practical applications of physics are included. Math is regularly used in physics and the needed trigonometry is taught as part of the course. The study of physics is a valuable part of the general education of any academic student. Physics is taught at a level that prepares students to study science or engineering in college.

SCI455  AP PHYSICS  
Grades 11-12  
Course Fee: $10 + AP Exam Fee  
Prerequisites: Concurrent enrollment in Pre-Calculus or higher is recommended; application required  

Description: This course will explore the mathematical underpinnings of Physics principles. Students will collect data from numerous experiments and exercises, model it into expressions, and then use the resulting equations to solve problems. Students are required to take the AP Physics Exam.

Social Studies

Students are required to take one Social Studies course per year except ninth grade as listed below. In addition, students must take one social studies elective (student’s choice) in their junior or senior year. It is strongly encouraged to take the classes in the sequence listed, changes allowed only with the permission of the department head. Some courses require permission; see the course description.

| Grade 9 | Required Classes: None |
| Grade 10 | Modern World History and Geography OR Honors Modern World History and Geography |
| Grade 11 | US History and Government OR AP US History |
| Grade 12 | Civics (Semester) OR AP U.S. Government and Politics (This course will fulfill Civics requirement) |

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<thead>
<tr>
<th>Grade 11/12 Electives:</th>
<th>(one required, seniors have priority)</th>
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<tbody>
<tr>
<td>Economics</td>
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<tr>
<td>Global Issues</td>
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<tr>
<td>Law &amp; Business Ethics I or II</td>
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<td>Psychology</td>
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</table>
SST218  MODERN WORLD HISTORY AND GEOGRAPHY  
Grades: 10  
Year: 1.0 credit  
Course Fee: None  
Cross Credit: SS  
Prerequisite: None  

Description: The class covers events, issues, movements, and people which impact Western Civilization from the 1500’s through the present time. Evaluation is based on student participation, completion of assigned tasks, tests, short and long-term projects and teacher evaluation.

SST216  HONORS MODERN WORLD HISTORY AND GEOGRAPHY  
Grades: 10  
Year: 1.0 credit  
Course Fee: None  
Cross Credit: SS  
Prerequisite: B or better in Washington State History, application and teacher’s permission  

Description: Course covers the events, issues, movements, and people which impact Western Civilization from the 1500’s through the present time. Evaluation is based on student participation, completion of assigned tasks, tests, short and long-term projects and teacher evaluation.

SST301  U.S. HISTORY AND AMERICAN GOVERNMENT  
Grades: 11  
Year: 1.0 credit  
Course Fee: None  
Cross Credit: SS  
Prerequisite: None  

Description: Students will examine the major themes, eras, people, and events that shaped the United States as well as fundamentals of United States government. Course work will include quizzes, tests, and short and long-term projects.

SST312  AP U.S. HISTORY  
Grades: 11  
Year: 1.0 credit  
Course Fee: AP Exam Fee  
Cross Credit: SS  
Prerequisite: B or better in Modern World History and Geography, application and teacher’s permission  

Description: Students will develop skills to deal critically with U.S. History materials. Students will assess historical materials and weigh evidence and interpretations presented in historical scholarship. Students will use informed judgment to arrive at conclusions. Students will present reasons and evidence clearly and persuasively in essay format. Students are required to take the Advanced Placement test.

SST430  CIVICS  
Grades: 12  
Semester: 0.5 credit  
Course Fee: None  
Cross Credit: SS  
Prerequisite: None  

Description: This course develops career/citizenship skills by allowing students to participate in community service and examine components of Civics including the structure and operation of the government, citizenship, and the free enterprise system. In addition, state graduation requirements will be met including Civics-based CBA. Evaluation is based on participation, assignment completion, project, presentation, exams and teacher evaluation.
SST315  AP U.S. GOVERNMENT AND POLITICS

Grades: 12
Year: 1.0 credit
Cross Credit: SS

Course Fee: AP Exam Fee
Prerequisite: B or better in U.S. History, application and teacher’s permission

Description: Students will gain an analytical perspective on government and politics in the U.S. Students will explore institutions, groups, beliefs, and ideas that constitute U.S. politics. Students are required to take the Advanced Placement exam. This course also fulfills state graduation requirements including Civics CBA.

SST403  PSYCHOLOGY

Grades: 11-12
Semester: 0.5 credit
Cross Credit: SS

Course Fee: None
Prerequisite: Priority to seniors

Description: Course covers the basics of psychology by analyzing human development throughout the lifecycle, including early childhood development and the numerous intellectual and behavioral changes that occur during adolescence and adulthood. Relevant topics such as stress, reactions to stress, group psychology, addiction, and abnormal behavior are also discussed utilizing the biological, psychoanalytic, and behavioral approaches to studying human behavior.

SST409  GLOBAL ISSUES

Grades: 11-12
Semester: 0.5 credit
Cross Credit: SS

Course Fee: None
Prerequisite: Priority to seniors

Description: Global Issues will focus on recent and ongoing issues of both a domestic and international nature. Students will examine issues from a cause and effect relationship and pay particular attention to how they affect the world’s political and social structures. Evaluation will be based on participation, completion of assigned tasks, tests, projects and teacher evaluation.

SST412  ECONOMICS

Grades: 11-12
Semester: 0.5 credit
Cross Credit: SS (12th), O

Course Fee: $10
Prerequisite: None, but priority is given to seniors

Description: Learn how individuals/societies use scarce resources for the production of alternative goods and how they are distributed among society. Also emphasized are the economic principles upon which the free enterprise system is based. Students will study the role government plays in this system and compare the American economic system to other systems. Students will learn about consumer economics. **FBLA and/or DECA leadership component.**

SST416  LAW AND BUSINESS ETHICS I

Grades: 9-12
Semester: 0.5 credit
Cross Credit: SS (12th), O

Course Fee: $10
Prerequisite: None, but priority is given to seniors

Description: This course is designed to teach basic understanding of the law as it applies to society in general, to the individual citizen, and to minors. This course will cover the legal aspect of many situations common to everyday society such as civil law, criminal law, and basic contract law and business ethics. This course may be taken as a senior social studies elective. There will be a field trip to a courthouse. **FBLA and/or DECA leadership component.**
SST417   LAW AND BUSINESS ETHICS II

Grades:  9-12  
Course Fee: $10  
Prerequisite: Law and Business Ethics I and priority is given to seniors  

Description: This course is more in-depth with business law concepts such as bailments, Uniform Commercial Code, agency/principal/contractor relationships, financial documents, warranties, bankruptcy, and ethics. There will be a field trip to a courthouse. This course may be taken as a senior social studies elective. FBLA and/or DECA leadership component.

**Other Electives**

In order to promote an environment of educational excellence and encourage students to expand their knowledge, no student will be assigned to more than one student assistant position during the same semester.

**Prerequisite:** Student must be sophomore status or above and on track to graduate. Student should have good attendance, maturity and is required to complete a Teacher Assistant/Office Aide request form. These are pass/fail courses.

**BUS154   OFFICE AIDE EXPERIENCE**

Grades: 10-12  
Course Fee: None  
Prerequisite: None  

Description: This course teaches employable work habits as applied to an office setting. Daily tasks may include the following: filing, answering phones delivering notes, and assisting other students and parents in the office all while maintaining a professional atmosphere. Office aid positions are available in the Attendance Office, Career Center, Counseling Center or the Main Office.

**LRC101   LRC WORK EXPERIENCE**

Grades: 9-12  
Course Fee: None  
Prerequisite: Successful completion of Digital Communication Tools and approval of librarian  

Description: This class teaches employable work habits as applied to a library. The student will learn how to access information and assist other students in the LRC. Daily tasks will include shelving books and shelf reading, and copying materials. Enrollment is limited to one student per period, per semester.

**SCS902   PEER AND CROSS AGE TUTORING**

Grades: 10-12  
Course Fee: None  
Prerequisite: Application and counselor’s recommendation  

Description: Students are assigned to work in a classroom or one-on-one with students throughout the district ranging from pre-school through 12th grade. Students participating in this course must provide their own transportation to off-campus sites.
SCS906  SPECIAL SERVICES PEER TUTOR
Grades: 9-12
Course Fee: None
Semester: 0.5 credit
Prerequisite: Counselor’s or teacher’s recommendation and approval and interview required
Cross Credit: EL

Description: Students will gain experience working with young adults with disabilities in academic, community, and social settings. Students will learn a variety of effective strategies and gain knowledge of specific disabilities. This course is particularly valuable to anyone considering future training and/or employment in an educational, childcare, or adult care services environment.

LDR112  LEADERSHIP
Grades: 11-12
Course Fee: None
Semester: 0.5 credit
Prerequisite: Current ASB officer and teacher’s permission
Cross Credit: EL

Description: This course is designed to help the student develop leadership skills. Time will be allotted for elected officials to complete assigned duties; emphasis will be placed on decision making, problem solving, organization, parliamentary procedures and project planning. Evaluation is based on participation, involvement, and completion of student-organized activities.

TAA100  TEACHER ASSISTANT
Grades: 10-12
Course Fee: None
Semester: 0.25 credit
Prerequisite: None
Cross Credit: EL

Description: Students may help teachers with the following duties: running errands, creating Powerpoint presentations, make handouts for the teacher along with any other duties the teacher assigns.

WNC300  WANIC
Grades: 11-12
Course Fee: Depends on course and district
Semester: 2.0-3.0 credits
Prerequisite: Depends on program; must obtain counselor’s approval; complete the enrollment process
Cross Credit: O

Description: See WaNIC program catalog for more information. Students may only take a WaNIC course if the course is NOT offered at Cedarcrest High School, and the student whose graduation requirements and prerequisite skills permit entry into the WaNIC program. Please see counselor for complete credit review. Since registration can ONLY be completed by Mrs. Gilmore, please see her in the Career Center for more details.
WaNIC was established to provide advanced-level Career and Technical Education programs based on rigorous academic and industry standards preparing students for post-secondary education and successful entry into high-skill, high-demand careers and employment. WaNIC is a nine-district cooperative facilitating students' enrollment in 2-3 credit highly challenging, specialized courses and programs in member districts. For more information see Mrs. Gilmore, Career Specialist, in the Career Center, or call her at 425.844.4810.

Arts, Media, Communication, & Design
- Film & Video Production
- Interior Design
- Production Graphics & Graphic Design
- Radio/TV Broadcasting Technology

Business & Management
- Event Planning, Hospitality and Tourism
- International Entrepreneurship (SC)
- Sports & Entertainment Mgmt/Marketing

Engineering, Science, & Technology
- Architectural & Engineering Design
- Automotive Technology (SC)
- Composites Engineering/Manufacturing (SC)
- Construction Trades
- DigiPen Robotics & Future Tech (SC)
- Sustainable Engineering & Design Tech
- Welding Technology, Design & Fabrication

Health & Human Services
- American Sign Language
- Criminal Justice
- Culinary Arts (SC)
- Dental Careers (SC)
- Fire & EMS (SC)
- Health Science Careers (SC)
- Medical Careers (SC)
- Sports Medicine (SC)
- Teaching Academy

Information Technology
- CISCO Networking Academy (SC)
- DigiPen Animation Academy (AP) (SC)
- DigiPen Video Game Program (AP) (SC)

(SC) class may be Skills Center (3 credits)

Dental Careers (WaNIC Skill Center at Lake Washington Institute of Technology) – 3 credits
Explore many dental career possibilities. In a new, state of the art dental learning lab, learn about instruments, dental materials, four-handed dentistry, preventative, restorative and specialty procedures, patient charting, sterilization, radiography, general and oral anatomy, microbiology, terminology, First Aid/CPR and infection control.

Fire and EMS (WaNIC Skill Center at Lake Washington Institute of Technology) – 3 credits
Learn the skills necessary to become a firefighter and EMT, and to be an integral part of a community emergency response team. Taught by firefighting professionals, you are introduced to: Firefighter training; fire prevention, inspection and investigation; alarm systems; dispatching, CERT, and emergency medical services. You will have the opportunity to travel to various fire stations in the area and experience all this profession has to offer.

Health Science Careers – NAC (WaNIC Skill Center at Lake Washington Institute of Technology) – 2-3 credits
Explore the challenging, exciting career possibilities in Nursing - one of the fastest growing industries today. You may earn the nursing assistant certified certificate by completing this nursing assistant training, which meets Federal and State of Washington standards, including clinical hours at a healthcare facility. Learn about a variety of health care topics, procedures and careers and patient care.

Medical Science (WaNIC Skill Center at Lake Washington Institute of Technology) – 3 credits
Take a yearlong exploratory journey into the field of Medicine as we study anatomy, physiology and medical terminology. Gain an understanding of the functions of medicine and related careers. Become familiar with a variety of medical diagnostic tools and treatment pathways through hands-on interactive learning.

For detailed information about these programs, please go to the WaNIC website: www.wanic.org, or speak with Mrs. Gilmore, Career Specialist. Classes subject to change due to enrollment or scheduling conflicts. Registration begins 2/3/2015.

Summer Academy information will be available on the WaNIC website in March.
Member districts: Bellevue, Issaquah, Lake Washington, Mercer Island, Northshore, Riverview and Snoqualmie Valley
Participating in extracurricular activities has many benefits for high school students. Joining high school clubs is a great way to meet people who share your interests and enhance your skills. Active participation in organizations such as drama club, DECA, FBLA, and any of the clubs listed below can also be very beneficial when you are searching for scholarship opportunities to help pay for college.

<table>
<thead>
<tr>
<th>ACTIVITIES AND CLUBS</th>
<th>SPORTS</th>
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<tbody>
<tr>
<td><strong>ADVENTURE CLUB</strong></td>
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<td><strong>ART CLUB</strong></td>
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<td><strong>BAND</strong></td>
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<td><strong>CHEER SQUAD</strong></td>
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<td><strong>CHESS CLUB</strong></td>
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<td><strong>CHOIR</strong></td>
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<td><strong>DEBATE CLUB</strong></td>
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<td><strong>DECA - Marketing</strong></td>
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<td><strong>DRAMA</strong></td>
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<td><strong>DRILL TEAM</strong></td>
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<td><strong>FBLA – Future Business Leaders of America</strong></td>
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<td><strong>GSA – Gay Straight Alliance</strong></td>
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<td><strong>NHS – National Honor Society</strong></td>
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<td><strong>FCA – Fellowship of Christian Athletes</strong></td>
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<td><strong>FFA - Agriculture</strong></td>
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<td><strong>FIRST – Robotics</strong></td>
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<td><strong>JAPANESE CLUB</strong></td>
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<td><strong>KNOWLEDGE BOWL</strong></td>
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<td><strong>MOUNTAIN BIKING CLUB</strong></td>
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<td><strong>RAK – Random Acts of Kindness</strong></td>
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<td><strong>SCIENCE CLUB – OLYMPIAD</strong></td>
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<td><strong>SKI AND SNOWBOARD CLUB</strong></td>
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<td><strong>STRATEGIC GAMING</strong></td>
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<td><strong>THESPIAN SOCIETY</strong></td>
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<td><strong>TSA – Technology Student Association</strong></td>
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<td><strong>WEIGHTLIFTING</strong></td>
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<td><strong>YEARBOOK</strong></td>
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<td><strong>WCTSMA – Sports Medicine</strong></td>
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<td><strong>FALL SPORTS</strong></td>
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<td>• GIRLS SOCCER</td>
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<td>• FOOTBALL</td>
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<td>• VOLLEYBALL</td>
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<td>• CROSS COUNTRY</td>
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<td><strong>WINTER SPORTS</strong></td>
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<td>• BOYS BASKETBALL</td>
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<td>• GIRLS BASKETBALL</td>
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<td>• WRESTLING</td>
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<td>• TRACK AND FIELD</td>
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<td>• BASEBALL</td>
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<td>• FASTPITCH</td>
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