Guidelines on Class Enrollment Sizes and Offerings

A course may not be offered during the upcoming school year when the number of forecasted student enrollments is insufficient to sustain the class. Class size limits are utilized to determine when a class will be offered. When forecasted class enrollment does not reach the required number of students enrolled, school counselors and administrators will work with students to create a new schedule. The new schedule will allow a student to maintain their progress toward meeting graduation requirements while pursuing their academic and elective class interests.

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Vancouver School District #37
Notice of Nondiscriminatory Policy

The Vancouver School District does not discriminate on the basis of race, creed, color, religion, sex, national origin, marital status, sexual orientation, including gender expression or identity, age, families with children, honorably discharged veteran or military status, the presence of any sensory, mental, or physical disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts of America, and other designated groups. You may also contact any of the following people by writing to them at Vancouver School District, PO Box 8937, Vancouver, WA 98668-8937, or by calling 360-313-1000: 504 – Steve Vance; Civil Rights and Affirmative Action – Janell Ephraim; ADA and Title IX – Kathy Everidge; Title IX Elementary Schools – Debra Hale; Title IX Secondary Schools – Jim Gray.
Welcome to Columbia River

Columbia River High School offers rigorous academic programs for all students and a wide variety of extracurricular activities that help students explore interest and engage service projects in the community both locally and internationally. Here at River, students are expected to undertake a solid core of academic classes including English, math, science, social studies, technology, health and wellness, and the arts. Our students consistently lead the way in Vancouver Public Schools while participating in extracurricular activities to help stretch their talents and minds beyond the classroom.

Columbia River High School embraces the Small Learning Community program components which focus on the 8th grade student transition to 9th grade. This includes student portfolio development, student to student mentoring through LINK Crew, and our student advisory program. All students are provided an academic intervention support period, at least once a week all school year long in our program. These periods are an opportunity for students and staff members to work together to support the learning goals and build on our greater culture and capacity. It is the aim of this effort to place students in the position to take ownership of their educational development by having them prepare for the presentation of their schoolwork and future planning to their parents or guardians in the spring. For our entering freshmen, the class of 2025, this ownership and planning is especially important as these students work toward the 24 Credit Career- and College-Ready Graduation Requirements.

Columbia River High School is an International Baccalaureate World School and is highly regarded in the Pacific Northwest. International Baccalaureate (IB) Diploma Program is a rigorous university preparation course of study that was instituted at Columbia River in the fall of 1994. Our IB delivery has evolved over time and we are pleased to now offer the IB Career Related Program (authorized Summer, 2020) in addition to the Full Diploma. As a member of the IB Excellence & Equity Grant Award Recipients, River is one of a handful of schools authorized by the IB to offer both options to students.

River's international curriculum allows our students to compete with students from all over the world. Students will develop understanding beyond their areas of academic strength while developing strong bonds with our community as they challenge themselves in one or all of the six subjects required for the IB Diploma or Career Related Pathway.

Columbia River High School is committed to providing a challenging academic program suited for each of our students. It is our commitment to our students and families that in your years at River, together we demonstrate the importance of the ideals that define us: Respect, Integrity, Values, Excellence, and Responsibility.

Sincerely,

Alex Otoupal

Principal/ Head of School
All Washington public school students must meet the following non-credit, credit, and graduation pathway requirements to graduate and Enroll in a 4 year or two year college or technical school, Enlist in the U.S. Military, or be Employed.

Non-Credit:

1. **High School & Beyond Plan** - A tool to guide students through high school and think about their future. Plans are personalized and designed in [https://login.xello.world/](https://login.xello.world/) to help students set, visualize, and work to achieve goals. See Page 6 for additional information.

2. **Washington State History** – Usually met in 7th grade in middle school. If not, 1.0 of World Themes: Washington Perspectives or a competency-based course fulfills this requirement.

Minimum Credit Requirements for High School:

<table>
<thead>
<tr>
<th>24 TOTAL CREDITS</th>
<th>7 ELECTIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 FOUNDATIONAL</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>SCIENCE**</th>
<th>MATH**</th>
<th>SOCIAL STUDIES</th>
<th>ENGRAVING</th>
<th>ARTS</th>
<th>HEALTH &amp; FITNESS</th>
<th>CAREER &amp; TECHNICAL EDUCATION</th>
<th>PERSONALIZED PATHWAY (PPR)</th>
<th>ELECTIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 CREDITS</td>
<td>3 CREDITS</td>
<td>3 CREDITS</td>
<td>3 CREDITS</td>
<td>3 CREDITS</td>
<td>2 CREDITS</td>
<td>1 CREDIT</td>
<td>1 CREDIT</td>
<td>4 CREDITS</td>
<td>3 CREDITS</td>
</tr>
</tbody>
</table>

**The 3rd credit of science and the 3rd credit of math are chosen by the student based on the student’s interest and High School and Beyond Plan, and approved by the parent or guardian, or if the parent or guardian is unavailable or does not indicate a preference, the school counselor or principal (WAC 180-51-068).**

**Graduation Pathways: Class of 2020 and Beyond**

- **CTE Sequence** - Complete sequence of CTE courses
- **ASVAB Score** - Meet standard on the ASVAB (Armed Services Vocational Aptitude Battery)
- **Smarter Balanced HS Assessment or WA-AIM (ELA and/or math)**
- **SAT/ACT** - Meet or exceed the graduation scores in the math and ELA portions
- **Dual Credit** - Earn College Credit in ELA and/or math through a dual credit course
- **Bridge to College Course** - Pass a ELA and/or math Bridge to College course
- **AP/IB Courses or Exams** - For both ELA and math, earn a 3 or higher on certain Advanced Placement (AP) exams or a 4 or higher on certain International Baccalaureate (IB) exams or pass the course with at least a C+
## Course Planner Example for a Benchmark Student

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High school classes earned in grade 8 and/or competency-based world language credit</strong></td>
<td>☐ Honors English</td>
<td>☐ Honors English</td>
<td>☐ Dual Credit English</td>
<td>☐ Dual Credit English</td>
</tr>
<tr>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English (4)</strong></td>
<td>☐ Honors English</td>
<td>☐ Honors English</td>
<td>☐ Dual Credit English</td>
<td>☐ Dual Credit English</td>
</tr>
<tr>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
<td>☐ Benchmark English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Math (3)</strong></td>
<td>☐ Algebra or Geometry</td>
<td>☐ Geometry or Algebra 2</td>
<td>☐ Algebra 2 or</td>
<td>☐ Elective</td>
</tr>
<tr>
<td>☐ Algebra</td>
<td>☐ Geometry</td>
<td>☐ Algebra 2</td>
<td>☐ Elective</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Science (3)</strong></td>
<td>☐ Environ. Science or Biology</td>
<td>☐ Biology or Chemistry</td>
<td>☐ Chemistry or</td>
<td>☐ Elective</td>
</tr>
<tr>
<td>☐ Environ. Science</td>
<td>☐ Environ. Science</td>
<td>☐ Chemistry</td>
<td>☐ Elective</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Social Studies (3)</strong></td>
<td>☐ World Themes</td>
<td>☐ U.S. History</td>
<td>☐ CWP/Civics</td>
<td>☐ CWP/Civics</td>
</tr>
<tr>
<td>☐ Dual Credit Options</td>
<td>☐ Dual Credit Options</td>
<td>☐ Dual Credit Options</td>
<td>☐ Dual Credit Options</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>World Language or PPR (2)</strong></td>
<td>☐ World Language</td>
<td>☐ World Language or PPR</td>
<td>☐ World Language or PPR</td>
<td>☐ World Language or PPR</td>
</tr>
<tr>
<td>☐ World Language 1</td>
<td>☐ World Language 1</td>
<td>☐ World Language 1</td>
<td>☐ World Language 1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CTE (1)</strong></td>
<td>☐ CTE</td>
<td>☐ CTE</td>
<td>☐ CTE</td>
<td>☐ CTE</td>
</tr>
<tr>
<td>☐ World Language 2</td>
<td>☐ World Language 2</td>
<td>☐ World Language 2</td>
<td>☐ World Language 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electives (4)</strong></td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
</tr>
<tr>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject and Credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>24 Total Credits</strong></td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
<td>☐ Electives (4)</td>
</tr>
</tbody>
</table>

---

- The term "dual credit" refers to general education and career and technical education courses that provide students with the potential to earn high school and college credit (100 level or above) for the same course.
- The 3rd credits of math and science are chosen by students based on their HSBP and approved by a parent/guardian.

---

**REMINDER:**
Make sure to look at the academic and class requirements for the colleges (2-year, 4-year, or technical) you are interested in attending.
**Course Planner Blank for a Benchmark Student**

<table>
<thead>
<tr>
<th>High school classes earned in grade 8 and/or competency-based world language credit</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Algebra</td>
<td>1.</td>
<td>1.</td>
<td>1.</td>
<td>1.</td>
</tr>
<tr>
<td>□ Environmental Science</td>
<td>2.</td>
<td>2.</td>
<td>2.</td>
<td>2.</td>
</tr>
<tr>
<td>□ World Language 1</td>
<td>3.</td>
<td>3.</td>
<td>3.</td>
<td>3.</td>
</tr>
<tr>
<td>□ World Language 2</td>
<td>4.</td>
<td>4.</td>
<td>4.</td>
<td>4.</td>
</tr>
<tr>
<td></td>
<td>5.</td>
<td>5.</td>
<td>5.</td>
<td>5.</td>
</tr>
<tr>
<td></td>
<td>6.</td>
<td>6.</td>
<td>6.</td>
<td>6.</td>
</tr>
<tr>
<td>Alternate Course(s)</td>
<td>Alternate Course(s)</td>
<td>Alternate Course(s)</td>
<td>Alternate Course(s)</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Assessments AND career interests should inform grade 9 course taking.

**Note:** Assessment scores AND career/college interests should inform grade 11 course taking.

**Note:** One credit of study is required in a math-based quantitative course during the senior year for students planning on four year college.

- The term "dual credit" refers to general education and career and technical education courses that provide students with the potential to earn high school and college credit (100 level or above) for the same course.
- The 3rd credits of math and science are chosen by students based on their HSBP and approved by a parent/guardian.

**REMINDER:**
Make sure to look at the academic and class requirements for the colleges (2-year, 4-year, or technical) you are interested in attending.
The HSBP is shared and reviewed with parents each year and marked complete for 12th graders when they have completed all required Xello activities.
CAREER/TECHNICAL AND COMMUNITY COLLEGE REQUIREMENTS

There are many educational institutions for career/technical education in addition to many community colleges throughout the state of Washington. Regular admission leading to an AS degree (Associate of Science, one to two year program certification) or an AA degree (Associate of Arts leading to a BA degree), students need to complete the following:

1. As many math and science courses as possible.
2. Submit an official high school transcript or GED test results.
3. Complete entrance exams.

It is strongly recommended that students take the same course of study required for entrance to a 4-year college.

REQUIREMENTS FOR MILITARY SERVICE

The Armed Forces constitute America's largest employer. Military service provides educational opportunities and work experience in literally hundreds of occupations. The following are important requirements to keep in mind if planning to enter a branch of the military:

1. High School Diploma Required
2. No criminal record
3. At least 17 years of age
4. Drug free life-style
5. Physically qualified
6. Good moral character

Entrance into the Military also requires the completion of the Armed Services Vocational Aptitude Battery (ASVAB) assessment. Each branch of the military has a different minimum qualifying score, which fluctuates over time. Please see your Career Center for more information.

ASVAB
(The Armed Service Vocational Aptitude Battery) Grades 10, 11, and 12

The ASVAB is conducted by the US Department of Defense at no cost or obligation to the student. This test is conducted during the fall. The student may also use these results in making career choices. The military uses this assessment to determine job assignments if an individual elects to enlist in the military.
### Clark College Course Similarity Matrix

If your highest math class in the Vancouver Public Schools was . . .

<table>
<thead>
<tr>
<th>Algebra 1</th>
<th>B or better</th>
<th>MATH 090</th>
<th>MATH 095 or 096</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra 2 or Honors Algebra 2</td>
<td>B or better</td>
<td>MATH 095</td>
<td>MATH 103, 104, 105, 107, 110, 111, 122, 146</td>
</tr>
<tr>
<td>Honors Advanced Algebra &amp; Trig</td>
<td>B or better</td>
<td>MATH 111</td>
<td>MATH 103, 104, 105, 107, 122, 146, 148</td>
</tr>
<tr>
<td>Modeling Our World with Mathematics</td>
<td>B or better</td>
<td>MATH 090</td>
<td>MATH 095 or 096</td>
</tr>
<tr>
<td>College Algebra (CIHS MATH 111)</td>
<td>C or better</td>
<td>MATH 111</td>
<td>MATH 103, 104, 105, 107, 122, 146, 148</td>
</tr>
<tr>
<td>College Trig (CIHS MATH 103)</td>
<td>C or better</td>
<td>MATH 103</td>
<td>MATH 104, 105, 107, 110, 111, 122, 146</td>
</tr>
<tr>
<td>IB Math Studies I</td>
<td>B or better</td>
<td>MATH 095</td>
<td>MATH 103, 104, 105, 107, 110, 111, 122, 146</td>
</tr>
<tr>
<td>IB Math Studies II</td>
<td>B or better</td>
<td>MATH 095</td>
<td>MATH 103, 104, 105, 107, 110, 111, 122, 146</td>
</tr>
<tr>
<td>IB Precalc/Trig/Stats</td>
<td>B or better</td>
<td>MATH 095</td>
<td>MATH 103 and MATH 111</td>
</tr>
<tr>
<td>Precalculus</td>
<td>B or better</td>
<td>MATH 111</td>
<td>MATH 103, 104, 105, 107, 122, 146, 148</td>
</tr>
<tr>
<td>AP Calculus AB*</td>
<td>C</td>
<td>MATH 151</td>
<td>MATH 152</td>
</tr>
<tr>
<td>AP Calculus AB*</td>
<td>B or better</td>
<td>MATH 152</td>
<td>MATH 153</td>
</tr>
<tr>
<td>IB Calculus Methods</td>
<td>C or better</td>
<td>MATH 151</td>
<td>MATH 152</td>
</tr>
<tr>
<td>AP Calculus BC* (Formerly Calculus II)</td>
<td>C</td>
<td>MATH 152</td>
<td>MATH 153</td>
</tr>
<tr>
<td>AP Calculus BC*</td>
<td>B or better</td>
<td>MATH 153</td>
<td>MATH 254</td>
</tr>
<tr>
<td>Bridge to College Math</td>
<td>B or better</td>
<td>MATH 096</td>
<td>Math 107, 146</td>
</tr>
</tbody>
</table>

If you wish to enroll in a higher-level course, you should take ALEKS to demonstrate eligibility.

### Notes:

1. Math 111 (College Algebra) is a demanding course. Students with a “B” in Algebra 2 should consider taking Math 110 (College Algebra with Support) instead of Math 111.
2. If students need Math 103 and Math 110 or 111 for their intended majors, they should take Math 110 or 111 before taking Math 103.
3. Students with a “B” in Honors Advanced Algebra & Trig may enroll in Math 140 or Math 151 if they pass Math 103 with a “C” or better.
4. Students with a “C” or better in ciHS Math 111 may enroll in Math 140 or Math 151 if they received a C or better in ciHS Math 103.
5. Students with a “C” or better in ciHS Math 103 may enroll in Math 140 or Math 151 if they received a C or better in ciHS Math 111 or if they receive an ALEKS score that places them into Math 148.
6. Students with a “B” or better in Precalculus may enroll in Math 140 or Math 151 if they pass MATH 103 with a “C” or better.

*AP Stats cannot be used for placement. See courses above for your correct placement. If you took the AP Stats exam, consult the Clark College catalog for credit options.*

* If you took an Advanced Placement calculus exam, consult the Clark College catalog for credit options and correct math placement.

---

**If your highest math class in the Vancouver Public Schools was . . .**

and you earned a grade of ____ in the second semester of the course within one year of today's date,

you are considered to have completed a course similar to this Clark College class:

You are eligible to enroll in any of the following courses or in any course having the listed course(s) as prerequisite(s).
Scholarships and Financial Aid

WHERE CAN I LOOK FOR SCHOLARSHIPS?

Your high school counselor or career specialist is a good place to start. Here are some places to begin your research:

TheWashBoard.org: thewashboard.org
FastWeb: fastweb.com
Beyond Dreaming Scholarship List: scholarshipjunkies.org
College Board: bigfuture.collegeboard.org

WHAT TYPES OF SCHOLARSHIPS CAN I APPLY FOR?

Academic/Merit: Based on GPA, test scores and/or coursework
Athletic: Based on athletic performance
Creative: Based on talent in art, music, dance
Community service: Based on involvement in your school or community
Diversity: Based on race, ethnicity, family heritage, religion, sexual orientation, etc.
Need: Based on financial need
Other: Leadership, alumni, etc.

College Bound Scholarship

This program promises tuition (at public institution rates) and a small book allowance for income-eligible students in the state of Washington who sign up in the 7th or 8th grade, work hard in school, stay out of legal trouble, and successfully apply to a higher education institution when they graduate. Students may sign up in the 7th or 8th grade, and need only apply once. The deadline for all applicants is by June 30 at the end of their 8th grade year. For more information go to: www.wsac.wa.gov/PreparingForCollege/CollegeBound

Requirements to receive the College Bound Scholarship

1. Academic requirements to receive the College Bound Scholarship (CBS).
   You must:
   • Graduate from a Washington State High School
   • Have a 2.0 cumulative GPA or higher (the average of all high school classes)

2. If I applied for the College Bound Scholarship when I was in middle school and received a College Bound certificate, does that guarantee that I will receive the Scholarship?

   No, there are several more steps you must complete to receive the scholarship. In addition to the academic requirements (see above) you must also meet the income requirement and be a good citizen in your school and your community.

   Completing the Free Application for Federal Student Aid (FAFSA) provides the college’s financial aid staff the information to determine if you meet the income requirement. Since the College Bound Scholarship is need-based, it may not be a part of your financial aid award, if your need has been fully met by other grants and scholarships. You must also be accepted to college and complete the college’s financial aid paperwork in a timely manner. While you must be a U.S. citizen or eligible non-citizen, you do not need to have a social security number (SSN) to apply.
FINANCIAL AID INFORMATION

There is only one way to find out if the federal government will offer your family any type of financial aid to help pay for your post-high school education: You must file a FAFSA form. FAFSA stands for Free Application for Federal Student Aid.

State Financial Aid for DREAMers - Washington Application for State Financial Aid

Eligibility for several Washington State financial aid programs has expanded to include students who are ineligible for federal financial aid due to immigration status. Students who meet individual program, income, or residency requirements for the State Need Grant, the College Bound Scholarship, State Work Study, or Passport Scholarship should complete the free WASFA (Washington Application for State Financial Aid) to apply for state financial aid (www.readysetgrad.org/WASFA).

To maximize your chances of getting financial help from the government, you should file a completed FAFSA form via the Internet on October 1 of your senior year or as soon as possible after that date. Students should apply in October of each year they are enrolled in college when they anticipate attending any college the following autumn.

File your FAFSA via the Internet at www.fafsa.ed.gov.

If you have questions about how to complete your FAFSA, go to www.FederalStudentAid.ed.gov and look for the “Frequently Asked Questions” section. Or call toll-free, 1-800-4-FED-AID. Or ask for assistance from the staff of the financial aid office of the college or university to which the student is applying.

COLLEGE ENTRANCE ASSESSMENTS

PSAT - (Preliminary Scholastic Aptitude Test)
(PSAT School Day administered each Fall on high school campuses for grade 10 students at no cost)
The PSAT offers students reliable information about their scholastic abilities in relation to other students in high schools across the nation and students who have already entered college. Results of this test may qualify students for scholarship awards.

SAT - (College Entrance Examination Board Scholastic Aptitude Test) Grades 11 and 12
(SAT School Day administered each Spring on high school campuses for grade 11 students at no cost)
The SAT is accepted by most public and private colleges in Washington State and by many out-of-state institutions. Students enlisted in military academics or applying for ROTC scholarships are encouraged to take the SAT in the spring of their junior year. The SAT may be taken more than once.

ACT
(American College Test) Grades 11 and 12
The ACT is accepted by most colleges in Washington State and many out of state institutions. Some scholarship and/or aid programs require ACT results. Students interested in military academics or in ROTC scholarships should take the ACT in the Spring. The ACT may be taken more than once.

REMEMBER:
Make sure to look at the academic and class requirements for the colleges (2-year, 4-year, or technical) you are interested in attending.
Get a head start on your future and earn credit for both high school and college, simultaneously.

**Advanced Placement (AP)/International Baccalaureate (IB)**

Courses denoted in course descriptions by an ‘AP’ (Advanced Placement) or ‘IB’ (International Baccalaureate) are courses designed to be the equivalent of college level work. Studies have shown that students who take AP or IB classes are better prepared for college than students who have not participated. The completion of AP or IB courses receives favorable consideration by college admissions offices. Students who successfully pass an AP or IB test will receive college credit at most colleges and universities. Such testing traditionally takes place during the first two weeks of May.

Students interested in enrolling in AP or IB classes should consult with their school counselor. For information about applying to the International Baccalaureate program contact the International Baccalaureate Coordinator at Columbia River High School.

**Running Start**

“Running Start” is another program which can lead to college credit, and it is operated in partnership with Clark College. Students have the opportunity as juniors and seniors to take courses at both their home school and Clark College. Credits earned count toward both high school graduation and community college degree programs. Anyone interested in enrolling in classes at Clark through this program should consult the Running Start program guidelines available from the high school counselor within the Vancouver School District.

**College in the High School (CHS)**

The College in the High School Program affords students the opportunity to acquire University of Washington (UW) or Central Washington University (CWU) credit through selected classes offered at participating high schools. Highly qualified VPS teachers, approved as instructors at the designated college or university provide instruction and work closely with college professors.

**Career & Technical Education (CTE) College Articulation**

CTE College Articulation programs put high school students on the pathway to earning a degree from a community college by allowing them to complete selected Career & Technical Education (CTE) classes while still in high school. It is a partnership between Community Colleges and participating high schools allowing students to simultaneously earn high school and college credits in courses that have been approved through a formal articulation agreement.

Career Specialists at each high school work with CTE teachers to assist students in completing the registration process and potentially earn college credit while taking high school courses.

Research suggests that participation in dual enrollment can lead to better grades in high school, increased enrollment in college following high school, higher rates of persistence in college, and greater credit accumulation. 

>(ed.gov/US Department of Education)
**ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.**

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification account with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). If you want to play Division III sports or you aren’t sure where you want to compete, start by creating a Profile Page account at [eligibilitycenter.org](http://eligibilitycenter.org).

---

**ACADEMIC REQUIREMENTS**

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an SAT or ACT score that matches your core-course GPA.

**CORE COURSES**

Only courses that appear on your high school’s list of NCAA core courses will count toward the 16 core-course requirement; visit [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist) for a full list of your high school’s approved core courses. Complete 16 core courses in the following areas:

**DIVISION I**

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

<table>
<thead>
<tr>
<th>CORE COURSE</th>
<th>MINIMUM REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4 years</td>
</tr>
<tr>
<td>MATH (Algebra I or higher)</td>
<td>3 years</td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE (Including one year of lab, if offered)</td>
<td>2 years</td>
</tr>
<tr>
<td>ADDITIONAL (English, math or natural/physical science)</td>
<td>1 year</td>
</tr>
<tr>
<td>SOCIAL SCIENCE</td>
<td>2 years</td>
</tr>
<tr>
<td>ADDITIONAL COURSES (Any area listed to the left: foreign language or comparative religion/philosophy)</td>
<td>4 years</td>
</tr>
</tbody>
</table>

**DIVISION II**

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

<table>
<thead>
<tr>
<th>CORE COURSE</th>
<th>MINIMUM REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>3 years</td>
</tr>
<tr>
<td>MATH (Algebra I or higher)</td>
<td>2 years</td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE (Including one year of lab, if offered)</td>
<td>2 years</td>
</tr>
<tr>
<td>ADDITIONAL (English, math or natural/physical science)</td>
<td>3 years</td>
</tr>
<tr>
<td>SOCIAL SCIENCE</td>
<td>2 years</td>
</tr>
<tr>
<td>ADDITIONAL COURSES (Any area listed to the left: foreign language or comparative religion/philosophy)</td>
<td>4 years</td>
</tr>
</tbody>
</table>

**GRADE-POINT AVERAGE**

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

**SLIDING SCALE**

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at [ncaa.org/test-scores](http://ncaa.org/test-scores).

**TEST SCORES**

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the SAT or ACT, and cannot use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19_Fall_B](http://on.ncaa.com/COVID19_Fall_B).
HIGH SCHOOL TIMELINE

9TH GRADE
• Find your high school’s list of NCAA-approved core courses at eligibilitycenter.org/courselist.
• Sign up for a free Profile Page account at eligibilitycenter.org for information on NCAA requirements.

10TH GRADE
• Register for a Profile Page or Certification account with the NCAA Eligibility Center at eligibilitycenter.org.
• Monitor your Eligibility Center account for next steps.
• At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your Eligibility Center account.

11TH GRADE
• Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.
• Take the SAT/ACT and submit your scores to the NCAA Eligibility Center using code 9999.
• Ensure your sports participation information is correct in your Eligibility Center account.
• At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your Eligibility Center account.

12TH GRADE
• Complete your final NCAA-approved core courses as you prepare for graduation.
• Take the SAT/ACT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
• Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
• After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.
• Reminder: Only students on an NCAA Division I or II school’s institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

9TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 Core Courses

10TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 Core Courses

11TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 Core Courses

12TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 Core Courses

Search Frequently Asked Questions: ncaa.org/studentfaq
Follow us: @ncaaec @playcollegesports @ncaaec

NCAA is a trademark of the National Collegiate Athletic Association.
CLASS STANDING TOWARDS GRADUATION
Students are placed in a grade level based on when they enter 9th grade. In order to graduate on time (4 years after entering 9th grade) students must make satisfactory progress each year earning required credits towards graduation.

- 9th Grade – 6 credits earned by end of school year
- 10th Grade – 12 credits earned by end of school year
- 11th Grade – 18 credits earned by end of school year

Anyone earning fewer than 15 credits at the close of the junior year should plan on credit recovery to finish high school.

- 12th Grade – 24 credits earned by end of school year

Students with fewer than 18 credits entering their senior year must have a realistic plan for credit recovery on file with the counselor before scheduling senior level classes including CWP and Senior English.

EQUIVALENCY and 2-for-1 CREDIT
Washington state law allows students to meet two graduation requirements by taking Career and Technical Education (CTE) courses that have been approved for equivalency credit by the district. Equivalency and 2-for-1 credit is defined as credit earned in a course in one subject area that satisfies academic requirements in two subject areas. Students should meet with their counselor to inquire about equivalency and 2-for-1 credit options. College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept equivalency credited courses for college admissions.

CREDIT EARNED BEFORE HIGH SCHOOL
Beginning with the school year 2019-2020, credit earned before high school is automatically applied to the high school transcript unless students/families choose to opt out. Students can opt out by making a request in writing. Students/families can request that the courses be non-numerical grades (Credit/No Credit) or removed completely.

Mathematics and Science
The Algebra, Geometry, Algebra 2, and Environmental Science courses taught in the middle school are comparable to high school courses. Students who successfully completed these courses in middle school will receive high school credit once enrolled in high school.

HIGH SCHOOL CREDITS FOR SPECIFIC COURSES IN GRADES 7 AND 8
Students currently enrolled in grades 9 through 12 in Vancouver Public Schools may petition for high school credit toward graduation if they have successfully completed a world language.

World Language
The world language program offered at the middle school level is a two-year sequence. Both years combined equal one year of high school world language. Students who successfully complete world language in both grades 7 and 8 may request that one credit be added to their high school transcript. No partial credit is given.

Spanish and Mandarin Language Learning
Secondary Language Learning Pathway programs at the middle school level include two periods of instruction in the target language daily. Students enrolled in these programs may, upon (1) recommendation for placement into Year 3 instruction at 9th grade and (2) successful completion of Year 3 in 9th grade may request that two credits of the target language be added to their high school transcript.

CREDIT/NO CREDIT GRADING OPTIONS
Vancouver high schools permit an alternative grading system (Credit/No Credit) as follows:

- The request for credit/no credit must be initiated by the sixth week of the semester.
- Once the option has been approved, it remains in place for the semester. There will be no changes back and forth from grading on CR/NC.
- The CR/NC option is only for elective courses, credit recovery through the progressive sequence, and world language competency credit.
- Courses required for high school graduation are not eligible for the alternative grading system.
- “CR” (credit) – The student’s achievement demonstrates satisfactory progress in the mastery of knowledge and skills presented in the course.
- The “CR” or “NC” marks are not computed as part of the student’s high school grade point average.
- The NCAA (National Collegiate Athletic Association) computes courses taken credit/no credit as a “D” in its core course calculation.
Vancouver School of Arts and Academics (VSAA) offers a complete middle school and high school program where the arts are at the core of an interdisciplinary curriculum. All students study science, mathematics, social studies, English, and health, as well as artistic studies in dance, music, theatre, literary arts, visual arts, and moving image arts. The daily atmosphere of creative work, self-discipline, and collaboration prepares students for success in college, career, and life. Advanced Placement courses are available in English, history, government, math, and visual art. World Language and Career and Technical Education courses are offered as well. All students at VSAA have the opportunity to explore each of the six art forms. At the high school-level, students progress into the more advanced focus level classes for their chosen art forms. Students may also participate in a variety of artistic and academic after-school clubs and activities. (All students must attend the school full time.)

**APPLICATION PROCESS:** VPS offers a fully online magnet application posted on our website.

<table>
<thead>
<tr>
<th>Program Requirements for VSAA</th>
<th>Career Opportunities/College Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0 Credits English</td>
<td>• Guidance Counseling center offers College and Career planning assistance.</td>
</tr>
<tr>
<td>3.0 Credits Mathematics</td>
<td>• Focus level arts classes provide pre-professional “real world” learning experiences.</td>
</tr>
<tr>
<td>3.0 Credits Social Studies</td>
<td>• Students may participate in a variety of community internship opportunities.</td>
</tr>
<tr>
<td>3.0 Credits Science</td>
<td></td>
</tr>
<tr>
<td>*1.5 Credits PE/Dance</td>
<td></td>
</tr>
<tr>
<td>.5 Credit Health</td>
<td></td>
</tr>
<tr>
<td>6.0 Credits Arts, including Interdisciplinary Arts Core</td>
<td></td>
</tr>
<tr>
<td>*1.0 Credit Occupational Education</td>
<td></td>
</tr>
<tr>
<td>2.5 Credits Electives</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL = 24.5 Credits
*completed by taking art credits

**SAMPLE FOUR-YEAR PLAN**

<table>
<thead>
<tr>
<th>GRADE 9</th>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAP English</td>
<td>PAP English</td>
<td>AP English Literature or World Literature</td>
<td>AP U.S. History or U.S. History</td>
</tr>
<tr>
<td>Biology</td>
<td>Environmental Science or Fine Arts</td>
<td>CWP or AP Comparative Government and Politics</td>
<td></td>
</tr>
<tr>
<td>Health/Fine Art/Dance</td>
<td>AP Human Geography or World Themes: WA Prespective</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td>Math</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>World Language/Fine Art</td>
<td>World Language/Fine Art/ Dance</td>
<td>Fine Art</td>
<td>Fine Art</td>
</tr>
<tr>
<td>Fine Art</td>
<td>Fine Art</td>
<td>Fine Art</td>
<td>Fine Art</td>
</tr>
<tr>
<td>Interdisciplinary Arts Core</td>
<td>Interdisciplinary Arts Core</td>
<td>Interdisciplinary Arts Core</td>
<td>Interdisciplinary Arts Core</td>
</tr>
</tbody>
</table>

*completed by taking art credits
The ACES Magnet program at Hudson's Bay High School is designed to equip students with skills in planning, designing, building, and operating along the architecture, construction, engineering, and environmental functions and services career pathways. ACES offers courses in building trades, engineering, horticulture science, and natural resources and conservation. All classes are aimed at enhancing the sustainability of our environment through individual and group research and an emphasis on problem-solving and design skills. The knowledge gained from the ACES Magnet program will allow students to enter the workforce directly or to continue their experience in a technical school, community college, or a four-year university.

Upon acceptance into the ACES Magnet program students will be eligible to earn a magnet certificate of completion. Seniors who have met all magnet requirements will earn the ACES Magnet graduation cord.

**Recommended ACES Courses**

- Horticulture Science
- Advanced Horticulture
- Horticulture Special Projects
- Introduction to Engineering Design
- Principles of Engineering
- Engineering Design and Development
- Natural Resources and Conservation
- Advanced Natural Resources and Conservation
- Natural Resources and Conservation Special Projects
- AP Environmental Science
- Building Trades I, II, and III

**Magnet Requirements**

- Maintain at least a 2.5 GPA
- Complete 4 ACES courses
  (Minimum 1 per year, Minimum 1 advanced)
- Complete and submit record of 10 community service hours each school year
- Present capstone project at the end of senior year

**SAMPLE FOUR-YEAR PLAN**

<table>
<thead>
<tr>
<th>GRADE 9</th>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9</td>
<td>English 10</td>
<td>English 11</td>
<td>Senior English</td>
</tr>
<tr>
<td>ACES Course</td>
<td>ACES Course</td>
<td>ACES Course</td>
<td>ACES Course or Elective</td>
</tr>
<tr>
<td>Math</td>
<td>Math</td>
<td>Math</td>
<td>ACES Course or Elective</td>
</tr>
<tr>
<td>PE (both semesters)</td>
<td>PE</td>
<td>ACES Course or Elective or World Language</td>
<td>ACES Course or Elective or World Language</td>
</tr>
<tr>
<td>Art</td>
<td>World Themes</td>
<td>US History</td>
<td>CWP</td>
</tr>
<tr>
<td>Science</td>
<td>Science</td>
<td>Science</td>
<td>ACES Course or Elective</td>
</tr>
</tbody>
</table>
The Fort Vancouver High School Center for International Studies is part of the Asia Society’s International Studies Schools Network. Fort’s Center for International Studies school-wide program develops students’ global competence by actively engaging students in all coursework to positively impact our world. Globally competent students:

- **Investigate the world** by asking important questions and conducting research about locally and globally significant issues.
- **Recognize perspectives**, both of others and themselves, to better understand interactions, situations, and events in our world.
- **Communicate ideas** in an appropriate manner to diverse audiences to positively impact understanding and collaborate in an interdependent world.
- **Take action**, both personally and collaboratively, to positively contribute to local, regional, and global issues.

At the Fort Vancouver High School Center for International Studies, students in all classes are actively learning about global issues and how they can positively impact their world. All Fort students have access to a wide variety of globally-focused coursework including Contemporary Cultures in Literature, Exploring Foods, Mandarin, Natural Resources and Conservation, AP Spanish Language and Culture, and Contemporary World Problems. The Fort Vancouver High School Center for International Studies has an Opportunity Center where students can explore learning opportunities within the United States and internationally to broaden their perspectives and enhance their high school experience. Students at Fort also have multiple opportunities to engage in leadership and service activities through the school year, such as Student Ambassadors, International Family Night, and Global Youth Service Day.

For more information, please visit:
Fort Vancouver High School Center for International Studies [http://fort.vansd.org](http://fort.vansd.org)
International Studies Schools Network [http://asiasociety.org/international-studies-schools-network](http://asiasociety.org/international-studies-schools-network)

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**SAMPLE FOUR-YEAR PLAN**

<table>
<thead>
<tr>
<th>GRADE 9</th>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman English (Standard/Honors)</td>
<td>Sophomore English (Standard/Honors)</td>
<td>Junior English (Standard/AP)</td>
<td>Senior English (Standard/AP)</td>
</tr>
<tr>
<td>OCC or other elective</td>
<td>World Themes: WA Perspective (Standard/Honors)</td>
<td>US History (Standard/AP)</td>
<td>CWP (Standard/AP)</td>
</tr>
<tr>
<td>Math (Algebra or higher)</td>
<td>Math (Geometry or higher)</td>
<td>Math (Algebra II or higher)</td>
<td>Quantitative course (math or science)</td>
</tr>
<tr>
<td>Biology (Standard/Honors)</td>
<td>Chemistry (Standard/Honors)</td>
<td>Physics, AP Science, or Science elective</td>
<td>OCC, Science, or other elective</td>
</tr>
<tr>
<td>PE</td>
<td>Health</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>PE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Language</td>
<td>World Language</td>
<td>World Language</td>
<td>AP World Language</td>
</tr>
</tbody>
</table>
**Careers in Education**

*Fort Vancouver High School* provides three half-day programs of choice. These programs are open to all Vancouver Public Schools students. An application must be completed for students to be considered for acceptance into any half-day program of choice. The district provides transportation for any student who enrolls in any of these half-day programs of choice who may be traveling from the student’s home school.

**Careers in Education Half-Day Magnet**

Ever thought about being a teacher or paraeducator? The demand for teachers statewide is growing! The Careers in Education program offers a unique experience for students who are interested in working with young people, particularly in the fields of teaching, early childhood education, educational paraprofessionals, child-care, counseling, child-psychology, pediatrics, and social and human service occupations. Students are given the opportunity to develop the academic and technical skills they need to be prepared for a career in the field of education.

Through academic integration and post-secondary articulated coursework, students are able to maximize their learning both on and off campus. Students gain hands-on experience through a variety of practicum and internship opportunities that involve working with children ages one month to five years as well as students grades K-12.

Careers in Education is approved for 5 college credits (EDUC 205 Intro to Education) from Lower Columbia College. Students will also be prepared to take the Washington State Paraeducator exam, which provides eligibility to be employed as a Paraeducator directly after high school! Or, students can enter a teacher preparation program and upon completion, return to Vancouver Public Schools! VPS has guaranteed Careers in Education completers interview preference upon completion of paraeducator eligibility or a teacher education program!

**APPLICATION PROCESS:** Applications are available in January-April on the district web page and are reviewed and accepted based on expressed student interest on the application completion for students in grades 10-12. Grade 10 on space availability.

<table>
<thead>
<tr>
<th><strong>GRADE 9</strong></th>
<th><strong>GRADE 10</strong></th>
<th><strong>GRADE 11</strong></th>
<th><strong>GRADE 12</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman English</td>
<td>Sophomore English</td>
<td>Junior English</td>
<td>Senior English</td>
</tr>
<tr>
<td>Art</td>
<td>World Themes: WA Perspective</td>
<td>Careers in Education (2 period block)</td>
<td>Careers in Education II (2 period block) *1 year English credit</td>
</tr>
<tr>
<td>Math</td>
<td>Child Development (suggested)</td>
<td>Science</td>
<td>Health</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>Science</td>
<td>PE</td>
</tr>
<tr>
<td>World Language</td>
<td>World Language</td>
<td>US History</td>
<td>CWP</td>
</tr>
<tr>
<td>Health</td>
<td>Math</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PE</td>
<td></td>
<td>Math</td>
<td>Art or PPR</td>
</tr>
</tbody>
</table>
Culinary Arts

Fort Vancouver High School provides three half-day programs of choice. These programs are open to all Vancouver Public Schools students. An application must be completed for students to be considered for acceptance into any half-day program of choice. The district provides transportation for any student who enrolls in any of these half-day programs of choice who may be traveling from the student's home school.

Culinary Arts/Advanced Culinary Half-Day Magnet

Extensive hands-on opportunities in all facets of catering events, café management, and food service offering Culinary Arts students “real world” job experience. Academic and technical studies are integrated, emphasizing and building proficiency in global food production and cooking, cost control, sanitation, and workplace safety. Students will gain practical work experience as they collaborate with other CTE programs such as Horticulture and Video Production as well as professionals and mentors from our community in the hospitality industry. As students engage in team building and creative problem solving, they build on their employability skills. Part of our Culinary program of choice takes place at our student operated Passport Café located at the Jim Parsley Center. At this Worksite Learning experience students develop skills and job knowledge ranging from customer service, barista coffee-drink preparations, cashiering and line cooking. Each student will complete an internship at the Passport Café alongside the instructor as they put into practice the professional skills they learn. Culinary students also have the opportunity to join Skills USA and deliver their best to compete in leadership and culinary competitions at the regional, state, and national levels. Students also have an opportunity to earn industry articulation with our colleagues at Clark College.

APPLICATION PROCESS: Applications are available in January-April on the district web page and are reviewed and accepted based on expressed student interest on the application completion for students in grades 10-12.

SAMPLE FOUR-YEAR PLAN FOR HALF-DAY MAGNET

<table>
<thead>
<tr>
<th>GRADE 9 (all courses are at home school)</th>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman English</strong></td>
<td><strong>Sophomore English</strong></td>
<td><strong>Junior English</strong></td>
<td><strong>Senior English</strong></td>
</tr>
<tr>
<td>Exploring Foods or Horticulture</td>
<td>Culinary Arts (2 period block)</td>
<td>Advanced Culinary Arts (2 period block)</td>
<td>Culinary Arts - Passport Café OR Culinary Arts Special Projects (2 period block)</td>
</tr>
<tr>
<td>Art</td>
<td>*Lab Science 1 Year</td>
<td>*Lab Science 1 Year</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td>World Themes: WA Perspective</td>
<td>US History</td>
<td>CWP</td>
</tr>
<tr>
<td>Science</td>
<td>Math</td>
<td>Math</td>
<td>Art or PPR</td>
</tr>
<tr>
<td>PE</td>
<td>Science</td>
<td>Science</td>
<td>Health</td>
</tr>
<tr>
<td>PE</td>
<td></td>
<td></td>
<td>PE</td>
</tr>
</tbody>
</table>
Fort Vancouver High School provides three half-day programs of choice. These programs are open to all Vancouver Public Schools students. An application must be completed for students to be considered for acceptance into any half-day program of choice. The district provides transportation for any student who enrolls in any of these half-day programs of choice who may be traveling from the student’s home school.

**Welding/Fabrication Technology Half-Day Magnet**

This program is designed to provide students with the technical knowledge and skills to pursue welding and fabrication associated career opportunities. Safe work habits and the proper use of materials are stressed as students learn the application of tools, lathing/milling, torch cutting, and welding basics. Students also learn CAD, 3D printing, CNC machining and plasma cutting, and the entire design process. This program is influenced by a Lincoln Electric, Miller Welding, a local level advisory committee, as well as industry unions. Juniors and Seniors will have the opportunity to enter apprenticeship programs, combine paid on-the-job training at an AJAC employer and college-level classroom instruction which can lead to a high school diploma, journey-level card and short-term college certificate. This half-day program is offered morning session only.

**APPLICATION PROCESS:** Applications are available in January-April on the district web page and are reviewed and accepted based on expressed student interest on the application completion for students in grades 10-12.

**SAMPLE FOUR-YEAR PLAN FOR HALF-DAY MAGNET**

<table>
<thead>
<tr>
<th>GRADE 9</th>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman English</td>
<td>Sophomore English</td>
<td>Junior English</td>
<td>Senior English</td>
</tr>
<tr>
<td>Intro to Welding/Fabrication Technology</td>
<td>Welding/Fabrication Technology (2 period block) *1 year math credit</td>
<td>Advanced Welding/Fabrication Technology (2 period block) *1 year math credit</td>
<td>Welding/Fabrication Technology Special Projects</td>
</tr>
<tr>
<td>Art</td>
<td>World Themes: WA Perspective</td>
<td>US History</td>
<td>CWP</td>
</tr>
<tr>
<td>Math</td>
<td>Math</td>
<td>Math</td>
<td>Health</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Science</td>
<td>PE</td>
</tr>
<tr>
<td></td>
<td>PE</td>
<td>PE</td>
<td>Elective</td>
</tr>
</tbody>
</table>
International Baccalaureate (IB) is a worldwide honors program with an internationally designed curriculum stressing the importance of expertise in all academic areas and helping students develop critical thinking and research skills that will facilitate their success both at college and within the larger global society. The Pre-Baccalaureate program in grades 9 and 10 prepares students for the rigorous course of studies at the 11th and 12th grade. IB courses are offered in the areas of English/Literature, Mathematics, French, Spanish, German, History, Global Politics, Biology, Chemistry, Physics, Computer Science, Art, Music and Film/Movie Making. Successful completion of one or more of these courses and exams leads to college credit recognized at universities throughout the world. Completion of the entire IB Diploma Program may result in priority admission to universities, increased college credit and additional scholarship opportunities. Throughout both stages of the program, students are encouraged to develop their skills in time management and problem solving, view multiple perspectives and reflect on their learning as they apply it to new situations.

International Baccalaureate Diploma

A Diploma is issued by the International Baccalaureate Organization to students who meet the following requirements:

- Successful completion of six of the above mentioned courses in a prescribed curriculum, including all required internal and external assessments;
- The completion of Theory of Knowledge course including an essay and presentation;
- Completion of Creativity, Action and Service program and the required reflections and documentation;
- Submission of a 4,000-word independent research Extended Essay.

Certificates are also issued to students who complete the assessment requirements in specific courses.

Career Opportunities College Connections

The IB Diploma is recognized worldwide and by some of the most competitive schools in the nation. Both the IB Diploma and individual IB Certificates earn students increased rates of admission and college credit at universities in Washington and across the nation.

## Sample Four-Year Plan

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honors English 9</td>
<td>Honors English 10</td>
<td>IB English 11</td>
<td>IB English Seminar</td>
</tr>
<tr>
<td>Honors Biology</td>
<td>Honors Chemistry</td>
<td>IB Biology 2 or IB Chemistry 2 or IB Physics</td>
<td>IB Biology 3 or IB Chemistry 3 or IB Physics 2</td>
</tr>
<tr>
<td>Honors Geometry or higher</td>
<td>Honors Algebra 2 or higher</td>
<td>IB Pre-Calc/Trig/Stats or higher or IB Math Studies</td>
<td>IB Calculus Methods or higher or IB Math Studies 2</td>
</tr>
<tr>
<td>World Language - Spanish, French, or German (same language all 4 years)</td>
<td>World Language - Spanish, French, or German (same language all 4 years)</td>
<td>World Language - Spanish, French, or German (same language all 4 years)</td>
<td>World Language - Spanish, French, or German (same language all 4 years)</td>
</tr>
<tr>
<td>Elective - PE or Health</td>
<td>Honors World Themes: WA Perspective</td>
<td>IB History of Americas</td>
<td>IB Modern World History</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Theory of Knowledge (2nd Semester)</td>
<td>Theory of Knowledge (1st Semester)</td>
</tr>
</tbody>
</table>
International Baccalaureate

**IB Career-related Program**

The International Baccalaureate (IB) program is a worldwide program that focuses on teaching students how to think critically and independently, and how to inquire with care and logic. Columbia River High School is proud to announce the addition of the IB Career-related Program (CP), with pathway options in Computer Science, Digital Arts, Education, Health Sciences, and Marketing. The focus of the CP is to incorporate the values of IB into career-related education pathways. In this program, students choose 2 or more IB courses that complement their academic strengths and interests, as well as courses that support their long-term career goals. Students who elect to pursue the CP certificate are equipped to take next steps in their career and future, including pursuing college, trade schools, apprenticeships, and enter directly into the workforce. They receive increased support and training on professional skills, and work with a cohort of students who are on a similar career track. Successful candidates for this program will have time management and problem-solving skills, and are eager to challenge themselves in an academic environment.

**International Baccalaureate Certificate**

A certificate is issued by the International Baccalaureate Organization to students who meet the following requirements:

- Successful completion of the student’s career-related pathway in Digital Arts, Computer Science, Education, Health Sciences, or Marketing;
- Taking a Personal and Professional Skills (PPS) course in 11th and 12th grade focused on employability skills;
- Completion of 50 hours of Service Learning and 50 hours of Language Development and the required reflections and documentation;
- Submission of a Reflective Project;
- Completion of 2 IB courses and passing 2 IB exams; students are eligible for college credit at many schools across the world.

**The IB Learner Profile**

IB programs develop learners who are:

- Inquirers
- Knowledgeable
- Thinkers
- Communicators
- Principled
- Open-minded
- Caring
- Risk-takers
- Balanced
- Reflective

**SAMPLE SCHEDULE: COMPUTER SCIENCE**

<table>
<thead>
<tr>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11</td>
<td>Senior Composition</td>
</tr>
<tr>
<td>U.S. History</td>
<td>Contemporary World Problems (CWP) and Civic Responsibilities</td>
</tr>
<tr>
<td>IB Precalculus/Trigonometry/ Statistics or higher or IB Math Studies</td>
<td>IB Calculus Methods or higher or IB Math Studies II</td>
</tr>
<tr>
<td>AP Computer Science I</td>
<td>AP Computer Science II</td>
</tr>
<tr>
<td>World Language: IB Spanish, French or German</td>
<td>World Language: IB Spanish, French or German</td>
</tr>
<tr>
<td>Personal and Professional Skills</td>
<td>Personal and Professional Skills</td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE: DIGITAL ARTS**

<table>
<thead>
<tr>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB English Language and Literature</td>
<td>IB English Seminar</td>
</tr>
<tr>
<td>IB History of the Americas</td>
<td>IB Modern World History or IB Global Politics</td>
</tr>
<tr>
<td>Algebra II</td>
<td>Financial Algebra</td>
</tr>
<tr>
<td>Elective or World Language</td>
<td>Zoology</td>
</tr>
<tr>
<td>Choose Pathway: Advanced Video Production, Graphic Design, Photography I or II</td>
<td>Choose Pathway: Advanced Video Production + Crew for Credit, Advanced Graphic Design, Photography I or II</td>
</tr>
<tr>
<td>Personal and Professional Skills</td>
<td>Personal and Professional Skills</td>
</tr>
</tbody>
</table>

Vancouver Public Schools
Vancouver iTech Preparatory is a school of choice for students interested in STEM fields (science, technology, engineering, and math). This school provides project-based learning opportunities in a technology-rich, 21st century learning environment. While iTech Prep has a STEM focus, art and design principles are integrated into the core curriculum. In addition, all students take Spanish. Curriculum is integrated across courses and iTech Prep takes a project-based learning, hands-on approach, where multiple subjects are addressed in each project. Yearly school-wide themes focus student learning on transferable knowledge and practical skills such as communication, collaboration, teamwork, and problem-solving. Students demonstrate and apply their knowledge as they design and engineer solutions to real-world problems. Curiosity as well as critical and creative thinking are nurtured in an environment in which the problem-solving process is as highly valued as the end product. iTech Prep is an accelerated early college program that allows students to take college classes at both Clark College and Washington State University Vancouver. Transportation is provided.

<table>
<thead>
<tr>
<th>SAMPLE FOUR-YEAR PLAN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GRADE 9</strong></td>
</tr>
<tr>
<td>English</td>
</tr>
<tr>
<td>Math</td>
</tr>
<tr>
<td>Biology</td>
</tr>
<tr>
<td>Spanish</td>
</tr>
<tr>
<td>AP Human Geography</td>
</tr>
<tr>
<td>Social Studies Elective</td>
</tr>
<tr>
<td>Visual Art/Design II</td>
</tr>
<tr>
<td>PE/Health</td>
</tr>
</tbody>
</table>

*Students may bring up one-year of Spanish from iTech middle school. A total of 4 credits of Spanish are required for graduation from iTech.

**Students are required to take eight electives, four of which must be STEM related.

***Early college classes must meet iTech program requirements and may begin as early as the spring of 9th grade.
Vancouver Flex Academy is a school of choice with a small school environment for motivated, hard-working students who will excel in a unique school setting. Flex Academy uses a learning model that combines face-to-face instruction with online, digital and experiential learning to prepare students for college, career and life readiness. At Flex Academy, students attend five full days per week. Students who choose to attend Flex Academy learn to take responsibility for themselves and their education as they prepare for college and beyond.

**Blended Learning at Vancouver Flex Academy**
is the practice of combining online, digital and experiential learning to enhance classroom based instruction.

**Core Instruction**
- Teacher as Designer

**Differentiation**
- Scaffolded Instruction
- Supportive Learning
- “Know every student by name and need”

**Flex**
- Enhancing learning through online and digital curriculum
- Teacher assistance
- Learning Assistance Program
- On-Time Graduation support

**Why Vancouver Flex Academy?**
- Flex learning model combines online and digital education with face-to-face instruction
- Applied learning through experiential projects
- Strong and nurturing student/teacher relationships
- College and career prep
- Emphasis on building academic and personal skills
- Multiple field trip experiences
- New clubs and extra-curricular proposed for 2020-2021

**Flex Students Demonstrate:**
- Quality work completion
- Commitment to improvement
- Positive behavior choices
- Consistent attendance
- Acceptance of self and others as equals
- Respect for diversity
- A culture of achievement
The mission of the Medical Arts Magnet of Fort Vancouver High School is to introduce students to the expanding field of health care. The magnet is a four-year program with a curriculum that focuses on a selected body of knowledge, skills and attitudes needed for careers in the health care fields. Students will use health, wellness, science, math, technology and medicine as a central theme around which they will structure their high school experience. The four core classes for the magnet include: Health Sciences and Careers, Athletic Medicine, Medical Terminology and AP Psychology. Magnet students in good academic standing will be eligible to participate in four hours of field experience in their junior and senior years. Upon graduation, magnet students will have the skills or the base knowledge to continue in a technical or two/four year college experience.

Students in the Medical Magnet may also earn up to 21 Clark College Credits. The 16 Core Curriculum credits for the Health Sciences Strand prepare students to enter one of many Clark College Certification programs including Pharmacy Technician, Medical Billing and Coding, Medical Receptionist and Medical Transcriptionist.

APPLICATION PROCESS: Medical Arts Magnet applicants should demonstrate an interest in the medical/health care field, a willingness to participate fully in a rigorous program and an ability to communicate with others. The application includes two teacher recommendations. Contact the Medical Arts Magnet at 313-4188 if you have questions. Students will be asked to recommit at the end of each school year.

**SAMPLE FOUR-YEAR PLAN**

<table>
<thead>
<tr>
<th>GRADE 9</th>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>Health Services and Careers</td>
<td>Athletic Medicine</td>
<td>Medical Terminology and Practice/Field Experience</td>
<td>AP Psychology/Field Experience 2</td>
</tr>
<tr>
<td>Environmental Science, Biology, or Honors Biology</td>
<td>Science or Honors Science</td>
<td>Science Elective (Chemistry/Human Anatomy and Physiology)</td>
<td>Science Elective (Zoology, AP Science)</td>
</tr>
<tr>
<td>Elective (PE, Foreign Language)</td>
<td>Elective (Visual or Performing Art, Foreign Language, CTE class)</td>
<td>Elective (Visual or Performing Art, Foreign Language, CTE class)</td>
<td>Elective</td>
</tr>
<tr>
<td>Freshman English</td>
<td>World Themes: WA Perspective</td>
<td>Junior English (Standard/AP)</td>
<td>Senior English (Standard/AP)</td>
</tr>
<tr>
<td>NextTools</td>
<td>Sophomore English</td>
<td>US History (Standard/AP)</td>
<td>CWP (Standard/AP)</td>
</tr>
</tbody>
</table>

**REQUIREMENTS for a Medical Arts Endorsement with Honors**
- Official acceptance to the magnet program
- Maintain good attendance
  - Cumulative GPA of 3.4
- Completion of required courses:
  - Health Sciences and Careers
  - Athletic Medicine
  - Medical Terminology and Practice
  - AP Psychology
  - Field Experience 1 and 2
- Earn 4 credits in Advanced Science
- Earn 4 credits in Advanced Math:
  - Complete 8 or more hours of field experience
  - Complete 40 hours of community service

**REQUIREMENTS for a Medical Arts Endorsement**
- Official acceptance to the magnet program
- Maintain good attendance
  - Cumulative GPA of 2.8
- Completion of required courses:
  - Health Sciences and Careers
  - Athletic Medicine
  - Medical Terminology and Practice
  - Psychology and Health Issues
- Earn 3 credits in Science:
  - Complete 8 hours of field experience
  - Complete 40 hours of community service
- Meet VPS graduation requirements
The Skyview SMT is dedicated to providing a challenging academic program that prepares students for college level study while letting them participate in a traditional high school experience. The program focuses on the integration of rigorous science, math, and technology content to solve difficult problems using a hands-on approach. Skyview SMT also offers Project Lead The Way pre-engineering, computer science courses, including video game programming courses. These courses emphasize problem-solving skills and design processes used by engineers and programmers that are incorporated with state-of-the-art technology and hands-on projects. Advanced Placement (college level) science and math classes are also offered to earn college credit for universities within the United States. Individual and group research, design projects and academic competitions allow students to experience the challenges of their future careers. If a student is considering a career with a foundation in science, engineering, technology or math, then successful participation in the Skyview SMT will ensure them the necessary course work to build a competitive transcript when applying for admission to future programs, colleges and universities.

**Mission Statement**

*The SMT Magnet at Skyview High School is part of a comprehensive public, four-year public high school which engages and empowers students to become 21st century creative problem solvers through interdisciplinary research and application in the areas of science, technology, engineering and mathematics.*

### The Three Skyview SMT Requirements

<table>
<thead>
<tr>
<th>Student Capstone Project</th>
<th>Credits</th>
<th>Community Service Hours</th>
</tr>
</thead>
</table>
| All students are required to present a Science, Math, or Engineering research project at an SMT recognized competition and participate annually in the SMT Showcase at SHS during the month of May. | 1 Credit SMT Grade 9 English  
3 Credits Lab Science  
3 Credits Math  
2 Credits Technology*  
2 Elective Credits (in Science, Math, or Technology)  
2 Credits World Language | All SMT students are required to log 30 cumulative hours of community service by the end of their Senior Year |

13 Total Credits  
*Includes PLTW Courses

**GPA Requirement**

*SMT students must maintain a 2.5 grade point average in all courses.*

Grades will be reviewed each semester and GPA for the term will be calculated. Any student not maintaining a 2.5 GPA will be placed on academic probation. Students who do not meet the 2.5 GPA requirement a second time during their enrollment in the program will be dismissed from the SMT Magnet.
The goal of special education at the high school level is to prepare students for life beyond high school. There is a wide array of service options for students which is based each student's Individual Education Program (IEP). The student's IEP team determines appropriate accommodations and modifications that will support each student in both special and general education classes.

Each high school has Learning Support teachers who provide specially designed instruction in reading, writing, math and social/behavioral skills. These services are provided in separate classes and, in some buildings, through general education classes that are co-taught by special and general education teachers.

If the student's IEP team determines that the student has a need for a more specialized placement, these are also available but it should be noted that not every special classroom is available in each school. If a student's IEP calls for a special class and one is not available at the student's home school, transportation will be provided.

Specialized class placements include Structured Learning Centers, Supported Communication Programs, Structured Communication Classrooms, Intensive Academic Classrooms and Transition Skills Classrooms. Each program has a specific focus which is discussed during the IEP process.

The district also provides transition services which are designed to teach skills that will help our students be more prepared for life after high school. Each of our comprehensive high schools has developed different work experiences for those students who would benefit from more work-based learning opportunities.

Gateway to Adult Transition Education (GATE) is our transition program for students ages 18-21 who need additional time to learn the skills that will enable them to access education, employment and living skills once they leave us.

If a student needs to extend their time in high school as they may need more time to learn the skills needed to be successful post high school, as determined by the IEP, the graduation date can be extended as a student may receive services until the age of 21.

Please contact the Special Services department if you have any questions about your or your child's special education services. We will be happy to help.
The mission of the AVID (Advancement Via Individual Determination) elective is to ensure all enrolled students complete a sequence of courses that prepares them for post-secondary education. Through high expectations and strong relationships, this community of learners plan and prepare for success after high school.

<table>
<thead>
<tr>
<th><strong>AVID Elective for Grades 9 and 10</strong></th>
<th><strong>AVID Elective for Grades 11 and 12</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Goal setting</td>
<td>Goal setting</td>
</tr>
<tr>
<td>Career exploration</td>
<td>Career and Post-secondary planning</td>
</tr>
<tr>
<td>Inquiry-driven study groups</td>
<td>College visits</td>
</tr>
<tr>
<td>College visits</td>
<td>Inquiry-driven study groups</td>
</tr>
<tr>
<td>PSAT preparation and reflection</td>
<td>SAT/ACT preparation</td>
</tr>
<tr>
<td></td>
<td>Post-secondary applications and essays</td>
</tr>
<tr>
<td></td>
<td>Scholarships</td>
</tr>
<tr>
<td></td>
<td>Financial aid</td>
</tr>
</tbody>
</table>

**Requirements**
- Enroll in advanced courses (Honors, AP, IB, and College in the High School)
- Maintain excellent citizenship and attendance in all classes
- Maintain adequate organization
- Complete all assignments and maintain appropriate study habits

**Benefits**
- Community of learners
- Additional support from peers and teachers for current classes
- Additional support for post-secondary planning
- Like-minded learners that believe in their individual and communal success
- College campus visits
English/Literacy

Courses are selected in alignment with the student's High School and Beyond Plan. Offerings vary by grade and/or school. Students may earn high school math credit in middle school.

◊ CADR approved ‡ Dual Credit ◊ Equivalency

About CADR courses: on every course listing page, you will see notations regarding CADR approved courses. If you have further questions about these requirements, please contact your school counselor. College Academic Distribution Requirements (CADR) is a Washington State initiative that set minimum admission standards for college freshmen entering Washington’s public universities beginning summer 2012. Each course description indicates whether a course meets CADR.

National Collegiate Athletic Association (NCAA) is a member-led organization dedicated to providing a pathway to opportunity for college athletes. NCAA-approved courses mean that these credits will count towards being NCAA eligible for potential athletic scholarships for student athletes. To find your school's list of NCAA Courses, go here: https://web3.ncaa.org/hsportal

Get FREE access to Vancouver Public Schools’ career and college readiness platform: go to the web site https://login.xello.world/
**English 9 A**

Course Code: 2121

English 9 is a one-year class designed to provide students with opportunities for interpretation of and reflection upon experiences, ideas and opinions expressed in a variety of literary and informational texts. Development of clear and effective writing for a variety of audiences and purposes will be integrated with literary studies, with a particular emphasis on argumentation. Additionally, students will develop communication skills, including listening and speaking and a critical approach to media. Topics and works will be chosen to enhance the 9th graders' literary knowledge as well as support other content area studies. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2122

**English 9 B**

Course Code: 2122

English 9 is a one-year class designed to provide students with opportunities for interpretation of and reflection upon experiences, ideas and opinions expressed in a variety of literary and informational texts. Development of clear and effective writing for a variety of audiences and purposes will be integrated with literary studies, with a particular emphasis on argumentation. Additionally, students will develop communication skills, including listening and speaking and a critical approach to media. Topics and works will be chosen to enhance the 9th graders' literary knowledge as well as support other content area studies. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2122

**Honors English 9 A**

Course Code: 2141

Honors English 9 is an advanced level one year course in a two-year Honors English sequence. Students will strengthen and refine critical reading, writing and thinking skills, and analyze both poetry and literature. Students will also write frequently in a variety of genres, including analytical, expository, and argumentative. Students should expect to do a significant amount of reading outside of class. This course option is intended for students planning to take IB courses later in their high school career.

Grades: 9  
Credits: 0.5  
PreReq: N/A  
CoReq: 2142

**Honors English 9 B**

Course Code: 2142

Honors English 9 is an advanced level one year course in a two-year Honors English sequence. Students will strengthen and refine critical reading, writing and thinking skills, and analyze both poetry and literature. Students will also write frequently in a variety of genres, including analytical, expository, and argumentative. Students should expect to do a significant amount of reading outside of class. This course option is intended for students planning to take IB courses later in their high school career.

Grades: 9  
Credits: 0.5  
PreReq: N/A  
CoReq: 2141

**English 10 A**

Course Code: 2211

English 10 is a one year course designed to provide students with opportunities to strengthen skills in literary, informational, and argumentative text analysis and reading processes, as well as composition and oral communication. Students will develop critical reading, writing, communication, and viewing skills as they become discerning and informed citizens. Topics and works will be chosen to enhance 10th graders' literary knowledge as well as support other content area studies. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2212

**English 10 B**

Course Code: 2212

English 10 is a one year course designed to provide students with opportunities to strengthen skills in literary, informational, and argumentative text analysis and reading processes, as well as composition and oral communication. Students will develop critical reading, writing, communication, and viewing skills as they become discerning and informed citizens. Topics and works will be chosen to enhance 10th graders' literary knowledge as well as support other content area studies. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2211
Honors English 10 A
Course Code: 2231
PB/Honors English 10 is the second advanced level course in a two-year Honors English sequence. Students will discover and refine critical thinking as an independent readers and writers about literature. Critical discussion and writing about these works will center on writer's technique, theme, style and tones, as well as content. Students will also write frequently in a variety of genres, including analytical, expository, and argumentative. Students should expect to do a significant amount of reading outside of class. This course option is intended for students planning to take IB courses later in their high school career.
Grades: 10  Credits: 0.5
PreReq: N/A  CoReq: 2232

Honors English 10 B
Course Code: 2232
PB/Honors English 10 is the second advanced level course in a two-year Honors English sequence. Students will discover and refine critical thinking as an independent readers and writers about literature. Critical discussion and writing about these works will center on writer's technique, theme, style and tones, as well as content. Students will also write frequently in a variety of genres, including analytical, expository, and argumentative. Students should expect to do a significant amount of reading outside of class. This course option is intended for students planning to take IB courses later in their high school career.
Grades: 10  Credits: 0.5
PreReq: N/A  CoReq: 2232

English 11 B
Course Code: 2312
English 11 is a junior level course that focuses on American literary traditions and heritage. Students will read works of literature from the colonial period through the modern 20th Century, including short stories, poetry, essays and classic and contemporary novels. A research paper and resume writing are required components of this class. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.
Grades: 11  Credits: 0.5
PreReq: N/A  CoReq: 2311

IB English 11 HL A
Course Code: 2331
This is the first course in Columbia River’s two-year IB English program at the higher level (HL). The program emphasizes a cultural, structural and thematic analytical approach to a study of various forms of world literature. Students will demonstrate these higher level thinking skills through composition, discussion, and various class presentations.
Grades: 11  Credits: 0.5
PreReq: N/A  CoReq: 2331

IB English 11 HL B
Course Code: 2332
This is the first course in Columbia River’s two-year IB English program at the higher level (HL). The program emphasizes a cultural, structural and thematic analytical approach to a study of various forms of world literature. Students will demonstrate these higher level thinking skills through composition, discussion, and various class presentations.
Grades: 11  Credits: 0.5
PreReq: N/A  CoReq: 2331
Cascadia Tech Composition/Literature A
Course Code: 2401
'Seniors attending classes at the Skills Center will fulfill their English requirement integrating the content studied including Senior Project components aligned with the Vancouver School District. Students will write in many forms that include essays, creative writing, resumes, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Research and related writings will be included as well as literature integrated with the content of the Skills Center program chosen. Students will be on site at the Skills Center for this course.'

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 2402

Cascadia Tech Composition/Literature B
Course Code: 2402
'Seniors attending classes at the Skills Center will fulfill their English requirement integrating the content studied including Senior Project components aligned with the Vancouver School District. Students will write in many forms that include essays, creative writing, resumes, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Research and related writings will be included as well as literature integrated with the content of the Skills Center program chosen. Students will be on site at the Skills Center for this course.'

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 2401
English/Literacy

IB Senior English Seminar HL A
Course Code: 2411
This is the second course in Columbia River's two-year IB English program at the higher level (HL). In this class students may complete the requirements for an IB English certificate or the English portion of the diploma program for the IB Diploma candidates. The program emphasizes a cultural, structural and thematic analytical approach to a study of various forms of literature. Students will demonstrate these higher level thinking skills through composition, discussion, and various class presentations. Students who have completed both years of IB English HL will be eligible to take the IB English exam at the Higher Level (HL).
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2412

IB Senior English Seminar HL B
Course Code: 2412
This is the second course in Columbia River's two-year IB English program at the higher level (HL). In this class students may complete the requirements for an IB English certificate or the English portion of the diploma program for the IB Diploma candidates. The program emphasizes a cultural, structural and thematic analytical approach to a study of various forms of literature. Students will demonstrate these higher level thinking skills through composition, discussion, and various class presentations. Students who have completed both years of IB English HL will be eligible to take the IB English exam at the Higher Level (HL).
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2411

IB Senior English Seminar SL A
Course Code: 2421
IB English 12 Standard Level (SL) is a one year course designed to provide students with the opportunity to complete the requirements for an IB English certificate or the English portion of the Diploma program for the IB Diploma candidate at the Standard Level. The course emphasizes a cultural, structural and thematic analytical approach to a study of various forms of world literature. Students will demonstrate these higher level thinking skills through composition, discussion, and various class presentations. Students who have completed both years of IB English SL will be eligible to take the IB English exam at the Standard Level (SL).
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2422

IB Senior English Seminar SL B
Course Code: 2422
IB English 12 Standard Level (SL) is a one year course designed to provide students with the opportunity to complete the requirements for an IB English certificate or the English portion of the Diploma program for the IB Diploma candidate at the Standard Level. The course emphasizes a cultural, structural and thematic analytical approach to a study of various forms of world literature. Students will demonstrate these higher level thinking skills through composition, discussion, and various class presentations. Students who have completed both years of IB English SL will be eligible to take the IB English exam at the Standard Level (SL).
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2421

Senior Composition/Shakespeare A
Course Code: 2451
The purpose of this course is to provide students with a challenging and in-depth experience in literature from Shakespeare integrated with composition. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will study the life and times of Shakespeare and Elizabethan England in preparation for the study of several of his sonnets and plays: comedies, histories, and tragedies. Thinking, speaking, and writing skills will be related and applied to the reading. Class projects may include such activities as attending local performances and presenting scenes from favorite plays.
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2452
**Senior Composition/Shakespeare B**

Course Code: 2452

The purpose of this course is to provide students with a challenging and in-depth experience in literature from Shakespeare integrated with composition. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will study the life and times of Shakespeare and Elizabethan England in preparation for the study of several of his sonnets and plays: comedies, histories, and tragedies. Thinking, speaking, and writing skills will be related and applied to the reading. Class projects may include such activities as attending local performances and presenting scenes from favorite plays.

_Grades: 12_  
_Credits: 0.5_  
_PreReq: N/A_  
_CoReq: 2451_

**Senior Composition/British Literature A**

Course Code: 2511

The purpose of this course is to provide students with a challenging and in-depth experience in British literature. Students will write in many forms including essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will recognize and understand major British works and authors selected from many historical eras, they will explore change in the language from Anglo Saxon to the present and understand the origins and evolution of British drama, poetry, novels and essays. Thinking, speaking and writing skills will be related and applied to the reading.

_Grades: 12_  
_Credits: 0.5_  
_PreReq: N/A_  
_CoReq: 2511_

**Senior Composition/British Literature B**

Course Code: 2512

The purpose of this course is to provide students with a challenging and in-depth experience in British literature. Students will write in many forms including essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will recognize and understand major British works and authors selected from many historical eras, they will explore change in the language from Anglo Saxon to the present and understand the origins and evolution of British drama, poetry, novels and essays. Thinking, speaking and writing skills will be related and applied to the reading.

_Grades: 12_  
_Credits: 0.5_  
_PreReq: N/A_  
_CoReq: 2511_

**Senior Composition/Sports Literature A**

Course Code: 2521

The purpose of this course is to provide students with a challenging and in-depth experience in Sports literature. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. In this course, students deal with the study of both fiction and non-fiction in sports literature. Students will focus on controversial elements of sports that have impacted society. In addition, students are involved in writing book reports and essays on issues in athletics. Students will represent their learning in a variety of ways that may include projects and presentations.

_Grades: 12_  
_Credits: 0.5_  
_PreReq: N/A_  
_CoReq: 2522_
Senior Composition/Sports Literature B
Course Code: 2522
The purpose of this course is to provide students with a challenging and in-depth experience in Sports literature. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. In this course, students deal with the study of both fiction and non-fiction in sports literature. Students will focus on controversial elements of sports that have impacted society. In addition, students are involved in writing book reports and essays on issues in athletics. Students will represent their learning in a variety of ways that may include projects and presentations.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 2532

Senior Composition/Science Fiction A
Course Code: 2531
The purpose of this course is to provide students with a challenging and in-depth experience in Science Fiction literature. Students will write in many forms including essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. In this course students explore the world of science fiction and fantasy as created by some of the world’s best-known writers. Students will study this genre through literary and informational text selections, class discussions, film and projects.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 2532

Senior Composition/Science Fiction B
Course Code: 2532
The purpose of this course is to provide students with a challenging and in-depth experience in Science Fiction literature. Students will write in many forms including essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. In this course students explore the world of science fiction and fantasy as created by some of the world’s best-known writers. Students will study this genre through literary and informational text selections, class discussions, film and projects.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 2532

Senior Composition/Speech Communication/Debate A
Course Code: 2541
The purpose of this course is to provide students with a challenging and in-depth experience in speech and literature. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. This course teaches the basic skills of speech and debate. Interpersonal and group communication as well as oral interpretation, formal speaking, reasoning and argumentation techniques will be emphasized. Research and related writings will be included.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 2542

Senior Composition/Speech Communication/Debate B
Course Code: 2542
The purpose of this course is to provide students with a challenging and in-depth experience in speech and literature. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. This course teaches the basic skills of speech and debate. Interpersonal and group communication as well as oral interpretation, formal speaking, reasoning and argumentation techniques will be emphasized. Research and related writings will be included.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 2541
Senior Composition/Mythology A
Course Code: 2551
The purpose of this course is to provide students with a challenging and in-depth experience in literature with a focus on mythology and folklore from around the world. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will explore a greater understanding of mythology in general and the role it plays in world literature. Myths and folklore from a variety of countries, including the United States, are covered as well as myth-related materials from the modern era.

Grades: 12
PreReq: N/A

Credits: 0.5
CoReq: 2552

Senior Composition/Literary Perspectives in Media A
Course Code: 2561
The purpose of this course is to provide students with a challenging and in-depth experience in literature as it relates to media. Students will write in many forms including essays, creative writing, and other business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will learn historical perspectives of media through reading, writing, and discussion. The focus will be on changes over time, societal themes and contemporary issues. This course will refine critical thinking skills through multi-media experiences.

Grades: 12
PreReq: N/A

Credits: 0.5
CoReq: 2562

Senior Composition/Mythology B
Course Code: 2552
The purpose of this course is to provide students with a challenging and in-depth experience in literature with a focus on mythology and folklore from around the world. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will explore a greater understanding of mythology in general and the role it plays in world literature. Myths and folklore from a variety of countries, including the United States, are covered as well as myth-related materials from the modern era.

Grades: 12
PreReq: N/A

Credits: 0.5
CoReq: 2551

Senior Composition/Literary Perspectives in Media B
Course Code: 2562
The purpose of this course is to provide students with a challenging and in-depth experience in literature as it relates to media. Students will write in many forms including essays, creative writing, and other business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. Students will learn historical perspectives of media through reading, writing, and discussion. The focus will be on changes over time, societal themes and contemporary issues. This course will refine critical thinking skills through multi-media experiences.

Grades: 12
PreReq: N/A

Credits: 0.5
CoReq: 2561
Senior Composition/Contemporary Cultures in Literature A

Course Code: 2591

This course will provide students with a challenging, engaging and in-depth experience in developing understanding of our world through its literature. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real world writing. A research paper is a required component of this class. In this course students will develop an understanding of the global life experience through the writings of authors from around the world. Students will be exposed to a variety of genres and will expand their critical thinking skills through reading, writing and discussion.

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 2592

Senior Composition/Contemporary Cultures in Literature B

Course Code: 2592

This course will provide students with a challenging, engaging and in-depth experience in developing understanding of our world through its literature. Students will write in many forms that include essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real world writing. A research paper is a required component of this class. In this course students will develop an understanding of the global life experience through the writings of authors from around the world. Students will be exposed to a variety of genres and will expand their critical thinking skills through reading, writing and discussion.

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 2591
Food & Fitness A
Course Code: 4511
Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler’s test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities. This course is a 2-for-1 course that meets two graduation requirements, PE and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Food & Fitness B
Course Code: 4512
Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler’s test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities. This course is a 2-for-1 course that meets two graduation requirements, PE and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Fitness and Conditioning
Course Code: 6162
This course focuses on both health-related fitness and performance-related fitness. Students apply concepts of cardio-respiratory fitness, muscular strength, flexibility and endurance and body composition as they relate to personal fitness goals. FITT (frequency, intensity, time and type) principles are incorporated in a personal fitness plan that also addresses nutritional needs based on caloric use and metabolic rate. Students monitor and adjust plans in response to factors such as injury, weight loss or gain, and differing energy demands. Students also identify barriers to lifelong fitness practices and develop strategies to overcome them.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Aerobic Fitness A
Course Code: 6201
This class has a focus on lifelong fitness. Daily exercise will be infused with instructional topics including body composition, weight management, nutrition, individualized goal setting, and developing long-term healthy life-style choices. Students also develop a personalized fitness plan.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Aerobic Fitness B
Course Code: 6202
This class has a focus on lifelong fitness. Daily exercise will be infused with instructional topics including body composition, weight management, nutrition, individualized goal setting, and developing long-term healthy life-style choices. Students also develop a personalized fitness plan.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

PE - Activities/Weight Training A
Course Code: 6221
This course provides both physical education activities and strength training. Beginning weight training will be alternated with three week units of physical education activities such as football, basketball, and tennis. Students also develop a personalized fitness plan.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

PE - Activities/Weight Training B
Course Code: 6222
This course provides both physical education activities and strength training. Beginning weight training will be alternated with three week units of physical education activities such as football, basketball, and tennis. Students also develop a personalized fitness plan.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A
**Fitness and Health**

**Weight Training A**
Course Code: 6231

In this course an individual weight program will be determined for each student. The class is designed to build overall body strength and improve muscle tone. The major muscle groups are conditioned on a daily schedule. General physical conditioning, athletic training and bodybuilding are other benefits of the class. This program will be modified and supervised by the instructor as needed. Students also develop a personalized fitness plan.

*Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A*

**Weight Training B**
Course Code: 6232

In this course an individual weight program will be determined for each student. The class is designed to build overall body strength and improve muscle tone. The major muscle groups are conditioned on a daily schedule. General physical conditioning, athletic training and bodybuilding are other benefits of the class. This program will be modified and supervised by the instructor as needed. Students also develop a personalized fitness plan.

*Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A*

**Advanced Weight Training A**
Course Code: 6241

This course is a continuation of Weight Training, with substantial emphasis on supervised and approved individual weight programs. This course is designed for the serious-minded weight trainer. Students also develop a personalized fitness plan.

*Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A*

**Advanced Weight Training B**
Course Code: 6242

This course is a continuation of Weight Training, with substantial emphasis on supervised and approved individual weight programs. This course is designed for the serious-minded weight trainer. Students also develop a personalized fitness plan.

*Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A*

**Health Wellness**
Course Code: 6251

This course focuses on the importance of good health. Students discuss information based on the physical, social, and emotional aspects of health. Topics include wellness, life skills, personal health, CPR/AED training, effects of chemical involvement and dependency, human sexuality, parenting, personal safety, nutrition, and community health. Information about HIV, STDs, AIDS and its prevention will also be presented. Completion of service learning hours is also required. Note: Students will be excused from sexual health education/HIV/AIDS instruction at parent request.

*Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A*

**Health Sciences and Careers A**
Course Code: 6271v

This course will explore the multitude of careers related to medicine, nursing, and health sciences as students experience a variety of modules related to everything health care—from Biomedical Engineering, Forensics, Dentistry, Medical Imaging, Veterinary Medicine, and more! This course is an exploratory overview of the health care system and includes online curriculum, as well as hands-on activities and simulations that students complete as teams. This course is articulated with college credit from Clark College, and fulfills the Health graduation requirement.

*Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 6272v*

**Health Sciences and Careers B**
Course Code: 6272v

This course will explore the multitude of careers related to medicine, nursing, and health sciences as students experience a variety of modules related to everything health care—from Biomedical Engineering, Forensics, Dentistry, Medical Imaging, Veterinary Medicine, and more! This course is an exploratory overview of the health care system and includes online curriculum, as well as hands-on activities and simulations that students complete as teams. This course is articulated with college credit from Clark College, and fulfills the Health graduation requirement.

*Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 6271v*
Mathematics

1st
Algebra ◊, or Applied Algebra ◊ ‡ ○

2nd
Geometry ◊, Honors Geometry ◊, or
Applied Geometry ◊ ○

3rd
Algebra 2 ◊, Honors Algebra 2 ◊, Statistics and Data
Literacy, Modeling Our World with Mathematics ‡, or
Financial Algebra

4th and Beyond
Any 3rd credit option above, Pre-Calculus ◊,
AP/IB Calculus ◊ ‡, AP Statistics ‡, Advanced Math
with Applications, or Bridge to College (Seniors only)

Courses are selected in alignment with the student’s High School and
Beyond Plan. Offerings vary by grade and/or school. Students may earn
high school math credit in middle school.

◊ CADR approved  ‡ Dual Credit  ○ Equivalency

About CADR courses: on every course listing page, you will see notations regarding CADR approved
courses. If you have further questions about these requirements, please contact your school counselor.
College Academic Distribution Requirements (CADR) is a Washington State initiative that set minimum
admission standards for college freshmen entering Washington’s public universities beginning summer
2012. Each course description indicates whether a course meets CADR.

National Collegiate Athletic Association (NCAA) is a member-led organization dedicated to providing a
pathway to opportunity for college athletes. NCAA-approved courses mean that these credits will count
towards being NCAA eligible for potential athletic scholarships for student athletes. To find your school's
list of NCAA Courses, go here: https://web3.ncaa.org/hsportal

Get FREE access to Vancouver Public Schools’
career and college readiness platform:
go to the web site https://login.xello.world/
### Applied Algebra A

**Course Code:** 3241V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for 1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

**Grades:** 9, 10  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 3242V

### Applied Algebra B

**Course Code:** 3242V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for 1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

**Grades:** 9, 10  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 3241V

### Modeling Our World with Mathematics A

**Course Code:** 3725

This course for juniors and seniors extends their learning from Algebra and Geometry, and is designed to further prepare them for higher-level mathematics. Topics for this class include problem solving, number theory, linear equations, measurement, geometry, probability, and graph theory. This course also provides access to a math graduation assessment alternative. This course is aligned with Clark College (PTCS 110, Professional Technical Computational Skills) so students can earn 5 college credits if they get a B or better in the course.

**Grades:** 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 3726

### Modeling Our World with Mathematics B

**Course Code:** 3726

This course for juniors and seniors extends their learning from Algebra and Geometry, and is designed to further prepare them for higher-level mathematics. Topics for this class include problem solving, number theory, linear equations, measurement, geometry, probability, and graph theory. This course also provides access to a math graduation assessment alternative. This course is aligned with Clark College (PTCS 110, Professional Technical Computational Skills) so students can earn 5 college credits if they get a B or better in the course.

**Grades:** 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 3725

### Statistics and Data Analysis A

**Course Code:** 3727

Data can deepen our understanding of the world. In today’s world, access to data is at an all time high and the ability to make informed data-based decisions is a high demand skill. This Statistics and Data Analysis course includes the major concepts and methods used to collect, analyze, and draw conclusions from data. Topics will be presented through an application based, hands on approach that allows for students to make meaning and explores answers to data driven questions. Topics will include populations and samples, measures of center, hypothesis testing, presentation, and making statistical inferences. This course is a 3rd credit math option. College bound students are encouraged to check with each college they may apply to in order to determine if this course will be accepted as a math credit for college.

**Grades:** 9, 10, 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 3728
Statistics and Data Analysis B
Course Code: 3728
Data can deepen our understanding of the world. In today's world, access to data is at an all time high and the ability to make informed data-based decisions is a high demand skill. This Statistics and Data Analysis course includes the major concepts and methods used to collect, analyze, and draw conclusions from data. Topics will be presented through an application based, hands on approach that allows for students to make meaning and explores answers to data driven questions. Topics will include populations and samples, measures of center, hypothesis testing, presentation, and making statistical inferences. This course is a 3rd credit math option. College bound students are encouraged to check with each college they may apply to in order to determine if this course will be accepted as a math credit for college.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 3727

IB Calculus Analysis 2 A
Course Code: 3811
This course is an advanced course for the college-bound student. Topics include limits, differentiation, and integration of algebraic and transcendental functions and applications. Students planning to take the IB Math Methods exam should plan to take this course during or before their senior year. Students will also be prepared to take the AP Calculus exam at the end of this class.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 3812

IB Calculus Analysis 2 B
Course Code: 3812
This course is an advanced course for the college-bound student. Topics include limits, differentiation, and integration of algebraic and transcendental functions and applications. Students planning to take the IB Math Methods exam should plan to take this course during or before their senior year. Students will also be prepared to take the AP Calculus exam at the end of this class.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 3811

IB Calculus Analysis HL A
Course Code: 3813
This is a college-level course. Topics include integration, L'Hôpital's Rule, Infinite series, conics, functions or several variables, multiple integration, vector analysis and deferential equations. At the completion of this course, students will be prepared for the AP Calculus BC exam.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 3814

IB Calculus Analysis HL B
Course Code: 3814
This is a college-level course. Topics include integration, L'Hôpital's Rule, Infinite series, conics, functions or several variables, multiple integration, vector analysis and deferential equations. At the completion of this course, students will be prepared for the AP Calculus BC exam.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 3813

IB Math Applications I A
Course Code: 3841
This course, intended to follow Algebra 2, is designed to build confidence and encourage an appreciation in students who are interested developing an understanding of advanced mathematical topics such as statistics, logic, financial mathematics, and an introduction to calculus. The course concentrates on mathematics that can be applied in a variety of contexts from common real-world occurrences to topics that relate to home, work, and leisure situations. During the course students will produce a project, a piece of written work based on personal research, guided and supervised by the teacher. The project provides an opportunity for students to carry out a mathematical investigation in the context of another course being studied, a hobby or interest of their choice using skills learned before and during the course.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 3842
IB Math Applications I B
Course Code: 3842
This course, intended to follow Algebra 2, is designed to build confidence and encourage an appreciation in students who are interested developing an understanding of advanced mathematical topics such as statistics, logic, financial mathematics, and an introduction to calculus. The course concentrates on mathematics that can be applied in a variety of contexts from common real-world occurrences to topics that relate to home, work, and leisure situations. During the course students will produce a project, a piece of written work based on personal research, guided and supervised by the teacher. The project provides an opportunity for students to carry out a mathematical investigation in the context of another course being studied, a hobby or interest of their choice using skills learned before and during the course.
Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 3841

IB Math Applications 2 B
Course Code: 3862
This course, intended to follow IB Math Applications 1 or Calculus Analysis, and will continue to build students' understanding of advanced mathematical topics such as logic, number theory, functions, statistics, and additional topics in calculus. Students will continue to learn about ways that mathematics they are learning can be applied in a variety of real-world contexts. During the course students will work on projects that will allow them to apply their knowledge of mathematical functions as well as statistics and data analysis. The project provides an opportunity for students to carry out a mathematical investigation in the context of another course being studied, a hobby or interest of their choice using skills learned before and during the course.
Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 3861

IB Math Applications 2 A
Course Code: 3861
This course, intended to follow IB Math Applications 1 or Calculus Analysis, will continue to build students' understanding of advanced mathematical topics such as logic, number theory, functions, statistics, and additional topics in calculus. Students will continue to learn about ways that mathematics they are learning can be applied in a variety of real-world contexts. During the course students will work on projects that will allow them to apply their knowledge of mathematical functions as well as statistics and data analysis. The project provides an opportunity for students to carry out a mathematical investigation in the context of another course being studied, a hobby or interest of their choice using skills learned before and during the course.
Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 3862

Financial Algebra A
Course Code: 4811V
As a result of taking the Financial Algebra course students will be able to enter the community as informed and responsible citizens. Students will have a greater understanding of personal finance, and they will be able to connect math concepts learned in the past and present to future real world experiences. Financial Algebra will prepare students for life after high school, whether they continue with post-secondary education or enter the workforce. Students will learn how mathematical literacy skills apply to everyday financial decisions from both a personal and business standpoint. This course is for students that are interested in learning about the financial world to make informed and intelligent financial decisions about their future and will provide a foundation for students interested in pursuing a career in the business or marketing industry. This course is aligned with Clark College (BUS 160) so students can earn college credit if they get a B or better in the course. This course is a 2-for-1 course that meets two graduation requirements, Math and CTE (although students only earn credit in one area). College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.
Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4812V
Mathematics

Financial Algebra B  
Course Code: 4812V
As a result of taking the Financial Algebra course students will be able to enter the community as informed and responsible citizens. Students will have a greater understanding of personal finance, and they will be able to connect math concepts learned in the past and present to future real world experiences. Financial Algebra will prepare students for life after high school, whether they continue with post-secondary education or enter the workforce. Students will learn how mathematical literacy skills apply to everyday financial decisions from both a personal and business standpoint. This course is for students that are interested in learning about the financial world to make informed and intelligent financial decisions about their future and will provide a foundation for students interested in pursuing a career in the business or marketing industry. This course is aligned with Clark College (BUS 160) so students can earn college credit if they get a B or better in the course. This course is a 2-for-1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area). College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

Algebra B
Course Code: M3102
This course is the foundation of high school mathematics. Students will develop their understanding and application of algebraic concepts and skills as they work with equations, inequalities, functions, data collection, analysis, and probability. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Geometry A
Course Code: M3201
Students will develop their understanding of geometric concepts and skills as they work with the properties and attributes of triangles, quadrilaterals, polygons, and circles. Other topics include geometric reasoning and proof, lines, right triangles and trigonometry. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Geometry B
Course Code: M3202
Students will develop their understanding of geometric concepts and skills as they work with the properties and attributes of triangles, quadrilaterals, polygons, and circles. Other topics include geometric reasoning and proof, lines, right triangles and trigonometry. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.
Honors Geometry A
Course Code: M3241
This is the Honors option of Geometry for students who intend to take IB courses later in their high school career. This course is a formal study of first-year geometric content. Students will develop their understanding of geometric concepts and skills as they work with the properties and attributes of triangles, quadrilaterals, polygons, and circles. Other topics include geometric reasoning and proof, lines, right triangles and trigonometry. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: M3242

Honors Geometry B
Course Code: M3242
This is the Honors option of Geometry for students who intend to take IB courses later in their high school career. This course is a formal study of first-year geometric content. Students will develop their understanding of geometric concepts and skills as they work with the properties and attributes of triangles, quadrilaterals, polygons, and circles. Other topics include geometric reasoning and proof, lines, right triangles and trigonometry. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: M3242

Algebra 2 B
Course Code: M3302
Students will further develop their understanding of algebraic concepts and skills as they work with linear functions and systems. A variety of function families will be explored, including quadratic, polynomial, exponential, rational, radical, and trigonometric functions. Other topics include matrices, probability, and statistics. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: M3301

Honors Algebra 2 A
Course Code: M3341
This is the Pre-IB Algebra 2 option for students intending to take IB courses later in their high school career. This course is a formal study of second-year algebraic content. Students will further develop their understanding of algebraic concepts and skills as they work with linear functions and systems. A variety of function families will be explored, including quadratic, polynomial, exponential, rational, radical, and trigonometric functions. Other topics include matrices, probability, and statistics. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: M3342

Honors Algebra 2 B
Course Code: M3342
This is the Pre-IB Algebra 2 option for students intending to take IB courses later in their high school career. This course is a formal study of second-year algebraic content. Students will further develop their understanding of algebraic concepts and skills as they work with linear functions and systems. A variety of function families will be explored, including quadratic, polynomial, exponential, rational, radical, and trigonometric functions. Other topics include matrices, probability, and statistics. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: M3341
Mathematics

IB Calculus Analysis 1 A
Course Code: M3401
This is a college-prep class designed for the advanced math students. This course will cover all the topics listed for Precalculus/Trigonometry, but with more rigor. It will also cover probability and statistics topics, including the use of appropriate counting procedures to determine probabilities, and the ability to display statistical data in appropriate forms. This course will prepare the student to take the IB Math Methods and Studies exam. A graphing calculator is required. Upon successful completion of this course, students will be recommended for IB Calculus.

Grades: 10, 11, 12        Credits: 0.5
PreReq: N/A               CoReq: M3402

IB Calculus Analysis 1 B
Course Code: M3402
This is a college-prep class designed for the advanced math students. This course will cover all the topics listed for Precalculus/Trigonometry, but with more rigor. It will also cover probability and statistics topics, including the use of appropriate counting procedures to determine probabilities, and the ability to display statistical data in appropriate forms. This course will prepare the student to take the IB Math Methods and Studies exam. A graphing calculator is required. Upon successful completion of this course, students will be recommended for IB Calculus.

Grades: 10, 11, 12        Credits: 0.5
PreReq: N/A               CoReq: M3401
Leadership/Peer Mentoring A
Course Code: 8451
This course is for those students who truly enjoy working with younger students. Students will work as mentors to with small groups of 9th graders to help them transition to high school. The leadership course focuses on public speaking, leading and organizing groups, how to work with differing people, oral and written communication, 8th grade forecasting and community/school involvement. They are also required to attend various trainings, tutor students, and participate in out of school mentor activities. Students must be juniors or seniors to be enrolled in this course.

Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: N/A

Leadership/Peer Mentoring B
Course Code: 8452
This course is for those students who truly enjoy working with younger students. Students will work as mentors to with small groups of 9th graders to help them transition to high school. The leadership course focuses on public speaking, leading and organizing groups, how to work with differing people, oral and written communication, 8th grade forecasting and community/school involvement. They are also required to attend various trainings, tutor students, and participate in out of school mentor activities. Students must be juniors or seniors to be enrolled in this course.

Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: N/A

AVID 9A
Course Code: 8851
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 9  Credits: 0.5  PreReq: N/A  CoReq: 8852

AVID 9B
Course Code: 8852
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 9  Credits: 0.5  PreReq: N/A  CoReq: 8851

AVID 10A
Course Code: 8861
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 10  Credits: 0.5  PreReq: N/A  CoReq: 8862

AVID 10B
Course Code: 8862
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 10  Credits: 0.5  PreReq: N/A  CoReq: 8861

AVID 11A
Course Code: 8871
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 11  Credits: 0.5  PreReq: N/A  CoReq: 8872

AVID 11B
Course Code: 8872
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 11  Credits: 0.5  PreReq: N/A  CoReq: 8871

AVID 12A
Course Code: 8881
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

Grades: 12  Credits: 0.5  PreReq: N/A  CoReq: 8882
AVID 12B
Course Code: 8882
AVID, Advancement Via Individual Determination, is an in-school academic support program and elective for students grades 9-12 that prepares students for college eligibility.

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AVID Tutor A
Course Code: 8891

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AVID Tutor B
Course Code: 8892

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Student Government A
Course Code: 9871

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Student Government B
Course Code: 9872

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Late Arrival A
Course Code: 99611
Early release or late arrival is only available to seniors who are on track with the credits they need to graduate. This option allows a student to come to school one period late or depart one period early, leaving he/she with only five classes for credit. Students with this designation will not be allowed to remain on campus unsupervised during this time. They require their own transportation in order to arrive and depart according to their scheduled times.

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<th>PreReq</th>
<th>CoReq</th>
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Late Arrival B
Course Code: 99612
Early release or late arrival is only available to seniors who are on track with the credits they need to graduate. This option allows a student to come to school one period late or depart one period early, leaving he/she with only five classes for credit. Students with this designation will not be allowed to remain on campus unsupervised during this time. They require their own transportation in order to arrive and depart according to their scheduled times.

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Early Release A
Course Code: 99715
Early release or late arrival is only available to seniors who are on track with the credits they need to graduate. This option allows a student to come to school one period late or depart one period early, leaving he/she with only five classes for credit. Students with this designation will not be allowed to remain on campus unsupervised during this time. They require their own transportation in order to arrive and depart according to their scheduled times.

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<tbody>
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Early Release B
Course Code: 99716
Early release or late arrival is only available to seniors who are on track with the credits they need to graduate. This option allows a student to come to school one period late or depart one period early, leaving he/she with only five classes for credit. Students with this designation will not be allowed to remain on campus unsupervised during this time. They require their own transportation in order to arrive and depart according to their scheduled times.

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<th>PreReq</th>
<th>CoReq</th>
</tr>
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<tbody>
<tr>
<td>12</td>
<td>0</td>
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</tbody>
</table>
Running Start Placeholder Sem 1
Course Code: RS9801
Students should forecast for as many periods of Running Start they plan to participate in.

**Grades:** 11, 12  **Credits:** 1  
**PreReq:** N/A  **CoReq:** N/A

Running Start Placeholder Sem 2
Course Code: RS9802
Students should forecast for as many periods of Running Start they plan to participate in.

**Grades:** 11, 12  **Credits:** 1  
**PreReq:** N/A  **CoReq:** N/A

Cascadia Tech Placeholder A
Course Code: SK5901
For student accepted to participate in one of the 16 half-day Cascadia Technical Academy programs.

**Grades:** 11, 12  **Credits:** 1.5  
**PreReq:** N/A  **CoReq:** SK5902

Cascadia Tech Placeholder B
Course Code: SK5902
For student accepted to participate in one of the 16 half-day Cascadia Technical Academy programs.

**Grades:** 11, 12  **Credits:** 1.5  
**PreReq:** N/A  **CoReq:** SK5901
Career and Technical Education

**IB Film 1 A**
Course Code: 143
The IB Film course aims to develop students’ skills so that they become adept in both interpreting and making films. Through the study and analysis of film texts and exercises in film-making, this course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The IB Film course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. At the core of the IB film course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis that is achieved through practical engagement in the art and craft of film. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 11, 12*
*Credits: 0.5*
*PreReq: N/A*
*CoReq: 144*

**IB Film 1 B**
Course Code: 144
The IB Film course aims to develop students’ skills so that they become adept in both interpreting and making films. Through the study and analysis of film texts and exercises in film-making, this course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The IB Film course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. At the core of the IB film course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis that is achieved through practical engagement in the art and craft of film. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

**Graphic Design A**
Course Code: 0201V
If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 9, 10, 11, 12*
*Credits: 0.5*
*PreReq: N/A*
*CoReq: 0202V*

**Graphic Design B**
Course Code: 0202V
If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 9, 10, 11, 12*
*Credits: 0.5*
*PreReq: N/A*
*CoReq: 0201V*

**Advanced Graphic Design A**
Course Code: 0211V
This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

*Grades: 10, 11, 12*
*Credits: 0.5*
*PreReq: N/A*
*CoReq: 0212V*
Career and Technical Education

Advanced Graphic Design B  
Course Code: 0212V
This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 0211V

Photography I  
Course Code: 0311V
This class introduces students to the basic skills and techniques of photography. Students will develop knowledge of the principles of photographic composition and perfect their skills through projects, presentations and lab experiences. Students learn about the history of photography by examining the work of notable photographers and the techniques they use to make them successful. Students will be able to describe and analyze their works and those of others using appropriate photography terminology. Students will gain experience in camera usage, film processing, black and white printing (not available at Skyview or Fort), digital imaging, Photoshop software, safe lab practices, organization, and presentation of works. Manual camera recommended at Hudson’s Bay and Columbia River. Materials fee may apply. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A

Photography II  
Course Code: 0312V
In this advanced course, students learn and apply higher level photographic concepts, techniques, and skills with a focus on building digital editing skills. Students will refine their technical skills and explore unique digital media allowing students to understand, reflect upon, and appreciate visual literacy. In addition, students will learn about business practices in the industry, studio set up, advanced lighting techniques, specialized equipment and pre-press techniques to improve printing and color management. Materials fee may apply. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A

Photography III A  
Course Code: 0321V
Students in Photo III will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. Materials fee may apply. Students at Bay, River, and Skyview can apply for AP status and receive college credit for the class. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 0322V
Photography III B

Course Code: 0322V

Students in Photo III will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. Materials fee may apply. Students at Bay, River, and Skyview can apply for AP status and receive college credit for the class. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 0321V

IB Photo 1 A

Course Code: 0323V

Students in IB Visual Art (Photography) will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. Materials fee may apply.

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 0324V
IB Photo 1 B
Course Code: 0324V
Students in IB Visual Art (Photography) will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. Materials fee may apply.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 0323V

IB Photo 2 A
Course Code: 0325V
This is the second level of IB Photo.

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 0326V

IB Photo 2 B
Course Code: 0326V
This is the second level of IB Photo.

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 0325V

American Sign Language 1 A
Course Code: 1601V
This introductory class will introduce students to American Sign Language (ASL). Emphasis will be on expressive and receptive sign language skills, vocabulary building and understanding basic ASL grammar. Students will gain an appreciation for ASL as a legitimate language through the study of the history of ASL, the nature and causes of deafness and exposure to the local deaf community. Students should be prepared to spend the majority of the classroom time in silence and to receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 1602V

American Sign Language 1 B
Course Code: 1602V
This introductory class will introduce students to American Sign Language (ASL). Emphasis will be on expressive and receptive sign language skills, vocabulary building and understanding basic ASL grammar. Students will gain an appreciation for ASL as a legitimate language through the study of the history of ASL, the nature and causes of deafness and exposure to the local deaf community. Students should be prepared to spend the majority of the classroom time in silence and to receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 1601V

American Sign Language 2 A
Course Code: 1611V
The student will improve fluency in finger spelling, signing skills, expressive skills, and broaden knowledge of the Deaf experience. Students will explore the role of sign language interpreters. Students should be prepared to spend the majority of the classroom time in silence and receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 10, 11, 12
Credits: 0.5
PreReq: 1601V, 1602V
CoReq: 1612V
Career and Technical Education

American Sign Language 2 B  
Course Code: 1612V  
The student will improve fluency in finger spelling, signing skills, expressive skills, and broaden knowledge of the Deaf experience. Students will explore the role of sign language interpreters. Students should be prepared to spend the majority of the classroom time in silence and receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).  
Grades: 10, 11, 12  
Credits: 0.5  
PreReq: 1601V, 1602V  
CoReq: 1611V

American Sign Language 3 A  
Course Code: 1621V  
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on narration, sharing facts, explaining rules. Students are required to interpret a variety of education and legal simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).  
Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1622V

American Sign Language 3 B  
Course Code: 1622V  
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on narration, sharing facts, explaining rules. Students are required to interpret a variety of education and legal simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).  
Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1621V

American Sign Language 4 A  
Course Code: 1631V  
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on talking about money, major decisions, and health conditions. Students are required to interpret a variety of occupational and medical simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).  
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1632V

American Sign Language 4 B  
Course Code: 1632V  
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on talking about money, major decisions, and health conditions. Students are required to interpret a variety of occupational and medical simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).  
Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1631V
**Yearbook A**

Course Code: 2731V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2732V

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**Yearbook B**

Course Code: 2732V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 2731V

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**Applied Algebra A**

Course Code: 3241V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for 1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

Grades: 9, 10  
Credits: 0.5  
PreReq: N/A  
CoReq: 3242V

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**Applied Algebra B**

Course Code: 3242V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for 1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

Grades: 9, 10  
Credits: 0.5  
PreReq: N/A  
CoReq: 3241V

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**Multimedia Exploration**

Course Code: 4111

If you want to tap into your creativity through digital media, this class is for you! This class explores a variety of media options such as: animation, digital art and photography, electronic page design, video production, web design, and graphic design. Adobe Creative Suite software applications will be introduced. If you are interested in a career in advertising, video production, design technology, graphic design, video game design, or web design, then this class is a must have! This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 4116V
Career and Technical Education

**Video Production A**
Course Code: 4121
Students who see themselves designing and producing videos will benefit from this class. Opportunities include working with cameras and editing equipment. Effective pre-production, production and post-production skills are emphasized through a variety of hands-on projects. Professional standards, leadership and teamwork are incorporated into each project. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 9, 10, 11, 12  Credits: 0.5*
*PreReq: N/A  CoReq: N/A*

**Video Production B**
Course Code: 4122
Students who see themselves designing and producing videos will benefit from this class. Opportunities include working with cameras and editing equipment. Effective pre-production, production and post-production skills are emphasized through a variety of hands-on projects. Professional standards, leadership and teamwork are incorporated into each project. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 9, 10, 11, 12  Credits: 0.5*
*PreReq: N/A  CoReq: N/A*

**Advanced Video Production A**
Course Code: 4131
Students will develop more advanced techniques in studio production, videography, editing and script writing. Advanced classes produce video projects for both the school and the community. Projects include morning announcements, sports videos, and various group and personal projects. Students continue to develop professional standards, leadership and teamwork skills, and may choose to participate in SkillsUSA, a student leadership organization. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

*Grades: 10, 11, 12  Credits: 0.5*
*PreReq: N/A  CoReq: 4132*

**Advanced Video Production B**
Course Code: 4132
Students will develop more advanced techniques in studio production, videography, editing and script writing. Advanced classes produce video projects for both the school and the community. Projects include morning announcements, sports videos, and various group and personal projects. Students continue to develop professional standards, leadership and teamwork skills, and may choose to participate in SkillsUSA, a student leadership organization. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

*Grades: 10, 11, 12  Credits: 0.5*
*PreReq: N/A  CoReq: 4131*

**Microsoft Imagine Academy A**
Course Code: 4215
Students in Microsoft Imagine Academy use Microsoft curriculum and software tools to demonstrate the knowledge, skills, and abilities to productively use Microsoft Office by earning certifications. The goals of the class are to help prepare students for the Microsoft Office Specialist (MOS) Certifications tests in Microsoft Word, PowerPoint, Excel, Word Expert, Excel Expert and Access. Students have multiple opportunities to earn certifications throughout the course. Certifications from Microsoft can make students more competitive in the job market! This course is aligned with Lower Columbia College so students who do earn certifications can also receive up to 22 college credits.

*Grades: 9, 10, 11, 12  Credits: 0.5*
*PreReq: N/A  CoReq: 4216*

**Microsoft Imagine Academy B**
Course Code: 4216
Students in Microsoft Imagine Academy use Microsoft curriculum and software tools to demonstrate the knowledge, skills, and abilities to productively use Microsoft Office by earning certifications. The goals of the class are to help prepare students for the Microsoft Office Specialist (MOS) Certifications tests in Microsoft Word, PowerPoint, Excel, Word Expert, Excel Expert and Access. Students have multiple opportunities to earn certifications throughout the course. Certifications from Microsoft can make students more competitive in the job market! This course is aligned with Lower Columbia College so students who do earn certifications can also receive up to 22 college credits.

*Grades: 9, 10, 11, 12  Credits: 0.5*
*PreReq: N/A  CoReq: 4215*
Career and Technical Education

Intro to Coding I A
Course Code: 4223
This course is an introduction to computer science and coding in Python, a professional coding language widely used in the software industry. The first semester focuses on fundamental computer science concepts, control structures and data structures as well as best practices in coding and debugging in Python, providing students with a solid foundation. The second semester introduces the ability to make more complex, graphics-based programs and games. Students work their way through advanced coding topics that make games possible- including procedural drawing and complex input from mouse and keyboard. Python is an excellent first coding language for students new to coding. It provides simpler syntax and is easier to read and work with compared to other programming languages (like Java). This minimizes complexity and frustration and allows students to focus on core concepts, problem-solving, design and coding. Students will code a variety of fun and engaging coding exercises first by working directly under the teacher's guidance, and then by exploring and practicing the concepts at their own pace with teacher support. The exercises allow for a variety of learning styles, and ability levels, building skills in code writing, code debugging, code analysis and code comprehension.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Intro to Coding I B
Course Code: 4224
This course is an introduction to computer science and coding in Python, a professional coding language widely used in the software industry. The first semester focuses on fundamental computer science concepts, control structures and data structures as well as best practices in coding and debugging in Python, providing students with a solid foundation. The second semester introduces the ability to make more complex, graphics-based programs and games. Students work their way through advanced coding topics that make games possible- including procedural drawing and complex input from mouse and keyboard. Python is an excellent first coding language for students new to coding. It provides simpler syntax and is easier to read and work with compared to other programming languages (like Java). This minimizes complexity and frustration and allows students to focus on core concepts, problem-solving, design and coding. Students will code a variety of fun and engaging coding exercises first by working directly under the teacher's guidance, and then by exploring and practicing the concepts at their own pace with teacher support. The exercises allow for a variety of learning styles, and ability levels, building skills in code writing, code debugging, code analysis and code comprehension.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Intro to Coding I (one semester block coding)
Course Code: 4223B
This course is an introduction to computer science and coding in block coding language. It is a one semester offering which focuses on fundamental computer science concepts, control structures and data structures as well as best practices in coding and debugging providing students with a solid foundation. Students will code a variety of fun and engaging coding exercises first by working directly under the teacher’s guidance, and then by exploring and practicing the concepts at their own pace with teacher support. The exercises allow for a variety of learning styles, and ability levels, building skills in code writing, code debugging, code analysis and code comprehension.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A
Career and Technical Education

Intro to Coding II A
Course Code: 4228
This course is the second course in the middle school and high school CTE Computer Science Scope and Sequence. This course is a continuation of Intro to Coding I. In this course students will continue to learn more advanced computer science topics and coding techniques in the Python programming language. The first semester expands on the graphical content from the previous course, allowing for more complex and polished programs. This includes the ability to use outside assets such as images, animations, sound files, and fonts. Students will also learn how to store and retrieve information in outside files in the JSON format. In addition, students will also learn the basics of efficiency in algorithms, and learn about the comparative speed of various searching and sorting algorithms. In the second semester, students will learn about classes and how to represent complex objects within a program. They will use pre-created class and develop their own custom classes and libraries. They will also learn in-depth error handling methods that are internal to the program to catch exceptions before they cause program crashes. The course will finish with large, student-driven projects as a summative capstone for the course. Students will learn by coding engaging exercises and complex projects, first under a teacher’s guidance and then independently with support. The exercises are provided at a variety of difficulty levels with variable scaffolding to allow for a customized learning experience for each student. Throughout the course, students will build skills in code writing, code analysis and comprehension, and debugging.
Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Intro to Coding II B
Course Code: 4229
This course is the second course in the middle school and high school CTE Computer Science Scope and Sequence. This course is a continuation of Intro to Coding I. In this course students will continue to learn more advanced computer science topics and coding techniques in the Python programming language. The first semester expands on the graphical content from the previous course, allowing for more complex and polished programs. This includes the ability to use outside assets such as images, animations, sound files, and fonts. Students will also learn how to store and retrieve information in outside files in the JSON format. In addition, students will also learn the basics of efficiency in algorithms, and learn about the comparative speed of various searching and sorting algorithms. In the second semester, students will learn about classes and how to represent complex objects within a program. They will use pre-created class and develop their own custom classes and libraries. They will also learn in-depth error handling methods that are internal to the program to catch exceptions before they cause program crashes. The course will finish with large, student-driven projects as a summative capstone for the course. Students will learn by coding engaging exercises and complex projects, first under a teacher’s guidance and then independently with support. The exercises are provided at a variety of difficulty levels with variable scaffolding to allow for a customized learning experience for each student. Throughout the course, students will build skills in code writing, code analysis and comprehension, and debugging.
Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A
Career and Technical Education

IB Computer Science A  
Course Code: 4235
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. IB Computer Science A is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, and chemistry. It is meant to be the equivalent of a first-semester college-level course in computer science. This course will prepare students to take the AP Computer Science A Exam in early May which requires the use of the Java Programming language. The class will focus on the AP Java Subset as outlined in Appendix A of the AP Computer Science A Course Description. See for more information on Computer Science A. Topics include:

- Object-Oriented Program Design (program and class design)
- Program Implementation (Java library classes and interfaces included in the AP Java Subset)
- Standard Data Structures (data types, strings, classes, lists, arrays)
- Standard Operations and Algorithms (operations on data structures, searching, sorting)
- Computing in Context (system reliability, privacy, and legal, social and ethical issues)

This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4236

IB Computer Science B  
Course Code: 4236
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. IB Computer Science A is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, and chemistry. It is meant to be the equivalent of a first-semester college-level course in computer science. This course will prepare students to take the AP Computer Science A Exam in early May which requires the use of the Java Programming language. The class will focus on the AP Java Subset as outlined in Appendix A of the AP Computer Science A Course Description. See for more information on Computer Science A. Topics include:

- Object-Oriented Program Design (program and class design)
- Program Implementation (Java library classes and interfaces included in the AP Java Subset)
- Standard Data Structures (data types, strings, classes, lists, arrays)
- Standard Operations and Algorithms (operations on data structures, searching, sorting)
- Computing in Context (system reliability, privacy, and legal, social and ethical issues)

This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4235

IB Computer Science 2 A  
Course Code: 4237
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. This course is a college-prep course for students considering a major in computer science, engineering, physics, chemistry or geology. Students learn the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices. This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4238
Career and Technical Education

IB Computer Science 2 B
Course Code: 4238
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. This course is a college-prep course for students considering a major in computer science, engineering, physics, chemistry or geology. Students learn the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices. This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12
PreReq: N/A
Credits: 0.5
CoReq: 4237

Marketing A
Course Code: 4301
Would you like to learn about advertising, economics, promotion, sales, merchandising and more? Students develop leadership and teamwork skills by participating in student leadership competitions, leadership retreats, and professional conferences. There are opportunities to travel to state and national competitions with DECA or SkillsUSA.

Grades: 9, 10, 11, 12
PreReq: N/A
Credits: 0.5
CoReq: 4302

Marketing B
Course Code: 4302
Would you like to learn about advertising, economics, promotion, sales, merchandising and more? Students develop leadership and teamwork skills by participating in student leadership competitions, leadership retreats, and professional conferences. There are opportunities to travel to state and national competitions with DECA or SkillsUSA.

Grades: 9, 10, 11, 12
PreReq: N/A
Credits: 0.5
CoReq: 4301

Advanced Marketing A
Course Code: 4311
Students increase and strengthen marketing skills and knowledge while working on individualized and group projects. Emphasis will be in DECA, Marketplace management and business community involvement. Students develop leadership and teamwork skills by participating in DECA competitions, leadership retreats, and professional conferences. Students placing high at the state competition qualify to compete at the national level.

Grades: 10, 11, 12
PreReq: N/A
Credits: 0.5
CoReq: 4312

Advanced Marketing B
Course Code: 4312
Students increase and strengthen marketing skills and knowledge while working on individualized and group projects. Emphasis will be in DECA, Marketplace management and business community involvement. Students develop leadership and teamwork skills by participating in DECA competitions, leadership retreats, and professional conferences. Students placing high at the state competition qualify to compete at the national level.

Grades: 10, 11, 12
PreReq: N/A
Credits: 0.5
CoReq: 4311

Student Store Operations A
Course Code: 4321
Students will participate in the daily operation of the Marketplace as well as other student-run enterprises. Skills gained will include the Marketing Mix (Product/Price/Place/Promotion), customer service, communication, cleaning, inventory, stocking, ordering, cashiering, balancing, researching opportunities, vendor relations and much more. Working in this class gives students real-life work experiences to place on a resume. Students develop leadership and teamwork skills by participating in competitions, leadership retreats, and professional conferences. Students placing high at the state competition qualify to compete at the national level. Skyview only: In addition to the student store, students may also participate in the Storm Express and the iQ Credit Union student enterprises.

Grades: 10, 11, 12
PreReq: N/A
Credits: 0.5
CoReq: 4322
Career and Technical Education

**Student Store Operations B**

Course Code: 4322

Students will participate in the daily operation of the Marketplace as well as other student-run enterprises. Skills gained will include the Marketing Mix (Product/Price/Place/Promotion), customer service, communication, cleaning, inventory, stocking, ordering, cashiering, balancing, researching opportunities, vendor relations and much more. Working in this class gives students real-life work experiences to place on a resume. Students develop leadership and teamwork skills by participating in competitions, leadership retreats, and professional conferences. Students placing high at the state competition qualify to compete at the national level. Skyview only: In addition to the student store, students may also participate in the Storm Express and the iQ Credit Union student enterprises.

*Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 4321*

**Early Childhood and Education A**

Course Code: 4451

Students in this course will be investigating topics related to child development and early learning. Students will develop learning activities and lessons for preschool age children. Course content includes parenting skills, communication techniques, the role of play and various factors that impact a child's learning. An emphasis will be placed on appropriate planning and supervision of children's activities. Columbia River High School students will gain hands on experience working with young children in the CRHS Preschool. This course is aligned with Clark College's Early Childhood Education (ECE) program so students can earn up to 12 college credits if they get a B or better in the course, and take it the full year. An ECE Initial Certificate, a Washington State requirement for professionals working in child care fields, may also be earned upon completion of a full year with a B or better. Regular attendance and full participation is expected.

*Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A*

**Early Childhood and Education II A**

Course Code: 4453

This class is designed for students who will continue to develop learning activities and lessons for preschool age children. This course includes parenting skills, physical, social and cognitive development, factors that impact development. Students will learn the skill of learning through observation and communicating evidence of developmental growth. An emphasis will also be placed on appropriate planning and supervision of children's activities and sharing classroom management techniques with new teachers. Students will gain hands on experience working with children ages 3-5. This course is articulated with Clark College so students have the opportunity to earn college credit if they get a B or better in the course. Regular attendance and full participation is expected. Must have successfully completed both Year I courses and have teacher approval.

*Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 4454*
Career and Technical Education

Early Childhood and Education II B
Course Code: 4454
This class is designed for students who will continue to develop learning activities and lessons for preschool age children. This course includes parenting skills, positive guidance techniques, the importance of developing schedules and routines for children and analyzing behavior. An emphasis will also be placed on appropriate planning and supervision of children's activities. Students will gain hands on experience working with children ages 3-5. This course is articulated with Clark College so students have the opportunity to earn college credit if they get a B or better in the course. Regular attendance and full participation is expected. Must have successfully completed both Year I courses and have teacher approval.

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4453

Child Development/Tutoring B
Course Code: 4462
Do you enjoy working with children? In this course, students will have an opportunity to gain an understanding of child development through a combination of classroom curriculum and tutoring experience. Students will understand child development theories in physical, emotional and cognitive growth, as well as health, safety, and nutritional issues. Students will learn to develop positive interpersonal skills by working one-on-one in a tutoring capacity with a young child (some options are child care centers, preschools and elementary schools). Regular attendance and participation in the tutoring sessions is expected. This course is designed for students interested in pursuing a future career in education. Students gain an appreciation for appropriate developmental stages of children and explore potential careers in the educational field. Key curriculum focus areas will include:

- Learning styles
- Types of intelligence
- Basic instructional theory and methods
- Introduction to classroom management
- Classroom climate
- Introduction to curriculum components, i.e., essential learnings/core competencies, content, assessment, materials.

Students work in an educational lab site; one-on-one, tutoring, and in small group instruction. Instructional activities include observations. This course is aligned with Clark College (ECED 107, ECED 120) so students can earn up to 7 college credits if they get a B or better in the course, and 12 college credits if they take the full year of Child Development. An ECE Initial Certificate, a Washington State requirement for professionals working in child care fields, may also be earned upon completion of a full year of Child Development with a B or better.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A
Real Life 101 A
Course Code: 4491
Are you ready to live on your own? Prepare yourself for responsible decision making in a variety of areas that confront young adults as they leave high school. Learn skills that are essential for living on your own, in a family, or with others. Learn ways to manage personal finances, including how to use credit responsibly and invest money wisely. Learn basic nutrition and cooking skills. Examine family responsibilities, career choices, and personal relationships, including communication and working cooperatively as part of a team.

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Real Life 101 B
Course Code: 4492
Are you ready to live on your own? Prepare yourself for responsible decision making in a variety of areas that confront young adults as they leave high school. Learn skills that are essential for living on your own, in a family, or with others. Learn ways to manage personal finances, including how to use credit responsibly and invest money wisely. Learn basic nutrition and cooking skills. Examine family responsibilities, career choices, and personal relationships, including communication and working cooperatively as part of a team.

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Food & Fitness A
Course Code: 4511
Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler’s test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities. This course is a 2-for-1 course that meets two graduation requirements, PE and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Food & Fitness B
Course Code: 4512
Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler’s test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities. This course is a 2-for-1 course that meets two graduation requirements, PE and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: N/A

Mechanics of Robotics A
Course Code: 4657
In the process of learning to design, build and program robots to accomplish various challenges/missions, students will be immersed in physics, geometry, electronics, programming, logic, computer control and mechanics and it will be fun! Students will focus on understanding the science behind how robots work, develop a systematic approach to solving robot problems and then learn to write programs that make the robot perform a variety of increasingly complex tasks. At the end of the second semester, students will explore automated systems then work with other students to design automated systems that can perform a task.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4658
Mechanics of Robotics B

Course Code: 4658

In the process of learning to design, build and program robots to accomplish various challenges/missions, students will be immersed in physics, geometry, electronics, programming, logic, computer control and mechanics and it will be fun! Students will focus on understanding the science behind how robots work, develop a systematic approach to solving robot problems and then learn to write programs that make the robot perform a variety of increasingly complex tasks. At the end of the second semester, students will explore automated systems then work with other students to design automated systems that can perform a task.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4657

Introduction to Engineering Design (IED) A

Course Code: 4661

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions. This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives. This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4662

Introduction to Engineering Design (IED) B

Course Code: 4662

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions. This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives. This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 4661
Career and Technical Education

**Advanced Horticulture A**
Course Code: 4751
College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. Advanced Horticulture is a continuation from the first year Horticulture or Horticulture Science class. Students will be provided with advanced training in the use and application of sustainable horticulture, organic farming, and landscape design. Students will design and construct projects after they have successfully completed advanced research. Advanced level students will help manage the greenhouse, plant/floral sales, and the production in the food garden/orchard area and participate in other projects that vary by school. This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 4752

**Advanced Horticulture B**
Course Code: 4752
College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. Advanced Horticulture is a continuation from the first year Horticulture or Horticulture Science class. Students will be provided with advanced training in the use and application of sustainable horticulture, organic farming, and landscape design. Students will design and construct projects after they have successfully completed advanced research. Advanced level students will help manage the greenhouse, plant/floral sales, and the production in the food garden/orchard area and participate in other projects that vary by school. This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 4752

**FVHS Culinary, Welding, or Careers in Ed Programs**
Course Code: 48001
Select this course if you are planning to participate in the Culinary, Welding or Careers in Education 1/2 day programs of choice available at Fort Vancouver High School. These morning programs are open to all VPS students. An application must be completed for students to be considered for acceptance into the programs. Transportation is provided to and from the student's home school.

Grades: 10, 11, 12
Credits: 2
PreReq: N/A
CoReq: N/A

**Entrepreneurship A**
Course Code: 4801
Many people own their own businesses and some begin at young ages. As a result of taking Entrepreneurship, students will be able to explore current small business trends and refer to the experiences of real entrepreneurs. Students are encouraged to participate in DECA. Students enrolled in this one-semester course will explore the organizational, managerial, marketing, and technical considerations of an entrepreneur and apply this knowledge to a real-life school based business.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

**Entrepreneurship B**
Course Code: 4802
Many people own their own businesses and some begin at young ages. As a result of taking Entrepreneurship, students will be able to explore current small business trends and refer to the experiences of real entrepreneurs. Students are encouraged to participate in DECA. Students enrolled in this one-semester course will explore the organizational, managerial, marketing, and technical considerations of an entrepreneur and apply this knowledge to a real-life school based business.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A
**Financial Algebra A**

Course Code: 4811V

As a result of taking the Financial Algebra course students will be able to enter the community as informed and responsible citizens. Students will have a greater understanding of personal finance, and they will be able to connect math concepts learned in the past and present to future real world experiences. Financial Algebra will prepare students for life after high school, whether they continue with post-secondary education or enter the workforce. Students will learn how mathematical literacy skills apply to everyday financial decisions from both a personal and business standpoint. This course is for students that are interested in learning about the financial world to make informed and intelligent financial decisions about their future and will provide a foundation for students interested in pursuing a career in the business or marketing industry. This course is aligned with Clark College (BUS 160) so students can earn college credit if they get a B or better in the course. This course is a 2-for-1 course that meets two graduation requirements, Math and CTE (although students only earn credit in one area). College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

**Grades:** 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 4812V

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**Financial Algebra B**

Course Code: 4812V

As a result of taking the Financial Algebra course students will be able to enter the community as informed and responsible citizens. Students will have a greater understanding of personal finance, and they will be able to connect math concepts learned in the past and present to future real world experiences. Financial Algebra will prepare students for life after high school, whether they continue with post-secondary education or enter the workforce. Students will learn how mathematical literacy skills apply to everyday financial decisions from both a personal and business standpoint. This course is for students that are interested in learning about the financial world to make informed and intelligent financial decisions about their future and will provide a foundation for students interested in pursuing a career in the business or marketing industry. This course is aligned with Clark College (BUS 160) so students can earn college credit if they get a B or better in the course. This course is a 2-for-1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area). College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

**Grades:** 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 4811V
Intro to Mechatronics A
Course Code: 5035
Students in Introduction to Mechatronics use individualized and integrated study units that support 'Just in Time' skills through presentation of theory immediately reinforced with hands-on application. Students then demonstrate their skill mastery by designing and building predetermined projects. Students research, design, and build a working model as a project solution. Each student on the project team becomes a Subject Matter Expert, or SME, on selected technical learning systems. No two students have the same expertise which requires each team member to contribute strongly to the project solution. Each thematic project spans many academic subjects including math, science, language, history and social studies. The 'can crusher' project is composed of challenging activities that are creative and relevant to the real world. Each project team's solution is uniquely their own. The project team prepares a portfolio to showcase the analysis, research, and details of their design.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 5036

Intro to Mechatronics B
Course Code: 5036
Students in Introduction to Mechatronics use individualized and integrated study units that support 'Just in Time' skills through presentation of theory immediately reinforced with hands-on application. Students then demonstrate their skill mastery by designing and building predetermined projects. Students research, design, and build a working model as a project solution. Each student on the project team becomes a Subject Matter Expert, or SME, on selected technical learning systems. No two students have the same expertise which requires each team member to contribute strongly to the project solution. Each thematic project spans many academic subjects including math, science, language, history and social studies. The 'can crusher' project is composed of challenging activities that are creative and relevant to the real world. Each project team's solution is uniquely their own. The project team prepares a portfolio to showcase the analysis, research, and details of their design.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 5036

Career Choices A
Course Code: 5101
Career Choices allows students an opportunity to participate in an on- or off-campus internship where they explore and develop employability skills, career awareness, and occupational knowledge that prepares them for success in the workplace. This course combines classroom instruction, career-related activities such as mentor events, career workshops, employment workshops, field trips, mock and employment interviews, etc., and hands-on experience within an on-or off-campus learning site such as:

- Attendance Office
- Career Center
- Counseling Center
- Media Center
- Learning Wings
- Off-campus sites (approved by instructor)
- Specific teacher (approved by instructor)

This course is aligned with Clark College (BTEC 148, Business Professional Self Development) so students can earn 3 college credits if they get a B or better in the course.

Grades: 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: N/A

Career Choices B
Course Code: 5102
Career Choices allows students an opportunity to participate in an on- or off-campus internship where they explore and develop employability skills, career awareness, and occupational knowledge that prepares them for success in the workplace. This course combines classroom instruction, career-related activities such as mentor events, career workshops, employment workshops, field trips, mock and employment interviews, etc., and hands-on experience within an on-or off-campus learning site such as:

- Attendance Office
- Career Center
- Counseling Center
- Media Center
- Learning Wings
- Off-campus sites (approved by instructor)
- Specific teacher (approved by instructor)

This course is aligned with Clark College (BTEC 148, Business Professional Self Development) so students can earn 3 college credits if they get a B or better in the course.

Grades: 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: N/A
Career and Technical Education

**Personal and Professional Skills (PPS) A**

Course Code: 5201

The Personal and Professional Skills (PPS) class is a part of the IB Career-related Program. This course will support students in developing practical life and career-related skills. Students will have the opportunity to combine the skills taught in this class with their career interests. Through connections with community, guest speakers, focused employment workshops, and options for field trips, students will develop greater self-confidence and self-awareness, learn how to be resilient and flexible in the workplace, and develop international-mindedness with a focus on becoming more globally aware. Students who complete this class will be ready to enter the workforce and/or pursue further training or education in their career pathway of interest. Students will also complete other career-related program requirements in this class including the service learning, language development, and reflective projects.

- **Grades:** 11, 12
- **Credits:** 0.5
- **PreReq:** N/A
- **CoReq:** 5202

**Work Experience A**

Course Code: 5301

This program enhances classroom instruction by giving students the opportunity to gain paid/non-paid work experiences that are related to the goals and objectives of the student's educational plan. Schools and participating organizations develop a written agreement, training plan and evaluation process for the student. All students must complete a Work Based Learning Off Campus Work Experience application and be currently or previously enrolled in a Career and Technical Education class related to their employment. Students must meet these requirements per State law BEFORE being accepted into the program and BEFORE any hours are counted toward credit. Please see your school's Work Based Learning Coordinator to see if you qualify. Note: 180 hours of documented work experience earns 0.5 credit. A maximum of 2 credits can be earned each year.

- **Grades:** 11, 12
- **Credits:** 0.5
- **PreReq:** N/A
- **CoReq:** N/A

**Personal and Professional Skills (PPS) B**

Course Code: 5202

The Personal and Professional Skills (PPS) class is a part of the IB Career-related Program. This course will support students in developing practical life and career-related skills. Students will have the opportunity to combine the skills taught in this class with their career interests. Through connections with community, guest speakers, focused employment workshops, and options for field trips, students will develop greater self-confidence and self-awareness, learn how to be resilient and flexible in the workplace, and develop international-mindedness with a focus on becoming more globally aware. Students who complete this class will be ready to enter the workforce and/or pursue further training or education in their career pathway of interest. Students will also complete other career-related program requirements in this class including the service learning, language development, and reflective projects.

- **Grades:** 11, 12
- **Credits:** 0.5
- **PreReq:** N/A
- **CoReq:** 5201

**Work Experience B**

Course Code: 5302

This program enhances classroom instruction by giving students the opportunity to gain paid/non-paid work experiences that are related to the goals and objectives of the student's educational plan. Schools and participating organizations develop a written agreement, training plan and evaluation process for the student. All students must complete a Work Based Learning Off Campus Work Experience application and be currently or previously enrolled in a Career and Technical Education class related to their employment. Students must meet these requirements per State law BEFORE being accepted into the program and BEFORE any hours are counted toward credit. Please see your school's Work Based Learning Coordinator to see if you qualify. Note: 180 hours of documented work experience earns 0.5 credit. A maximum of 2 credits can be earned each year.

- **Grades:** 11, 12
- **Credits:** 0.5
- **PreReq:** N/A
- **CoReq:** N/A
**Health Wellness**

Course Code: 6251

This course focuses on the importance of good health. Students discuss information based on the physical, social, and emotional aspects of health. Topics include wellness, life skills, personal health, CPR/AED training, effects of chemical involvement and dependency, human sexuality, parenting, personal safety, nutrition, and community health. Information about HIV, STDs, AIDS and its prevention will also be presented. Completion of service learning hours is also required. Note: Students will be excused from sexual health education/HIV/AIDS instruction at parent request.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: N/A

**Health Sciences and Careers A**

Course Code: 6271v

This course will explore the multitude of careers related to medicine, nursing, and health sciences as students experience a variety of modules related to everything health care--from Biomedical Engineering, Forensics, Dentistry, Medical Imaging, Veterinary Medicine, and more! This course is an exploratory overview of the health care system and includes online curriculum, as well as hands-on activities and simulations that students complete as teams. This course is articulated with college credit from Clark College, and fulfills the Health graduation requirement.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 6272v

**Horticulture Science A**

Course Code: 7521

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111). This course is a 2-for-1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 7522

**Health Sciences and Careers B**

Course Code: 6272v

This course will explore the multitude of careers related to medicine, nursing, and health sciences as students experience a variety of modules related to everything health care--from Biomedical Engineering, Forensics, Dentistry, Medical Imaging, Veterinary Medicine, and more! This course is an exploratory overview of the health care system and includes online curriculum, as well as hands-on activities and simulations that students complete as teams. This course is articulated with college credit from Clark College, and fulfills the Health graduation requirement.

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 7521

**Horticulture Science B**

Course Code: 7522

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111). This course is a 2-for-1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 7521
## Science

### 1st SCIENCE CREDIT
- Environmental Science ◊ †, Biology ◊ †, Honors Biology ◊ †, Horticulture ◊ †, Natural Resources Conservation ◊ †, AP Computer Science ◊ †

### 2nd SCIENCE CREDIT
- Chemistry ◊ †, Honors Chemistry ◊ †, Advanced Horticulture ‡ †, Advanced Natural Resources Conservation ◊ †, Zoology ◊ †, Physics ◊ †, AP Environmental Science ◊ †, AP/IB Physics ◊ †, IB Computer Science ◊ †

### 3rd and 4th SCIENCE CREDIT
- Human Anatomy and Physiology ◊ †, Planetary and Space Science ◊ †, Astronomy ◊ †, Oceanography ◊ †, Planting the Seeds ◊, Science and Global Issues ◊ †, AP/IB Biology ◊ †, AP/IB Chemistry ◊ †, AP Physics C ◊ †

Courses are selected in alignment with the student’s High School and Beyond Plan. Offerings vary by grade and/or school. Students may earn high school math credit in middle school.

◊ CADR approved  † Dual Credit  
☐ Equivalency  † Lab

### TIP!
- Universities encourage most applicants to earn four science credits in high school.

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About CADR courses: on every course listing page, you will see notations regarding CADR approved courses. If you have further questions about these requirements, please contact your school counselor. College Academic Distribution Requirements (CADR) is a Washington State initiative that set minimum admission standards for college freshmen entering Washington’s public universities beginning summer 2012. Each course description indicates whether a course meets CADR.

National Collegiate Athletic Association (NCAA) is a member-led organization dedicated to providing a pathway to opportunity for college athletes. NCAA-approved courses mean that these credits will count towards being NCAA eligible for potential athletic scholarships for student athletes. To find your school’s list of NCAA Courses, go here: [https://web3.ncaa.org/hsportal](https://web3.ncaa.org/hsportal)

Get FREE access to Vancouver Public Schools’ career and college readiness platform: go to the web site [https://login.xello.world/](https://login.xello.world/)
IB Computer Science A
Course Code: 4235
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. IB Computer Science A is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, and chemistry. It is meant to be the equivalent of a first-semester college-level course in computer science. This course will prepare students to take the AP Computer Science A Exam in early May which requires the use of the Java Programming language. The class will focus on the AP Java Subset as outlined in Appendix A of the AP Computer Science A Course Description. See for more information on Computer Science A. Topics include:

- Object-Oriented Program Design (program and class design)
- Program Implementation (Java library classes and interfaces included in the AP Java Subset)
- Standard Data Structures (data types, strings, classes, lists, arrays)
- Standard Operations and Algorithms (operations on data structures, searching, sorting)
- Computing in Context (system reliability, privacy, and legal, social and ethical issues)

This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 4236

IB Computer Science B
Course Code: 4236
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. IB Computer Science A is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, and chemistry. It is meant to be the equivalent of a first-semester college-level course in computer science. This course will prepare students to take the AP Computer Science A Exam in early May which requires the use of the Java Programming language. The class will focus on the AP Java Subset as outlined in Appendix A of the AP Computer Science A Course Description. See for more information on Computer Science A. Topics include:

- Object-Oriented Program Design (program and class design)
- Program Implementation (Java library classes and interfaces included in the AP Java Subset)
- Standard Data Structures (data types, strings, classes, lists, arrays)
- Standard Operations and Algorithms (operations on data structures, searching, sorting)
- Computing in Context (system reliability, privacy, and legal, social and ethical issues)

This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 4235

IB Computer Science 2 A
Course Code: 4237
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. This course is a college-prep course for students considering a major in computer science, engineering, physics, chemistry or geology. Students learn the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices. This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 4238
Science

IB Computer Science 2 B  
Course Code: 4238
College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements. This course is a college-prep course for students considering a major in computer science, engineering, physics, chemistry or geology. Students learn the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices. This course is a 2-for-1 course that meets two graduation requirements, either Math or Science, and CTE (although students only earn credit in one area).

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 4237

Advanced Horticulture A  
Course Code: 4751
College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. Advanced Horticulture is a continuation from the first year Horticulture or Horticulture Science class. Students will be provided with advanced training in the use and application of sustainable horticulture, organic farming, and landscape design. Students will design and construct projects after they have successfully completed advanced research. Advanced level students will help manage the greenhouse, plant/floral sales, and the production in the food garden/orchard area and participate in other projects that vary by school. This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 4752

Advanced Horticulture B  
Course Code: 4752
College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. Advanced Horticulture is a continuation from the first year Horticulture or Horticulture Science class. Students will be provided with advanced training in the use and application of sustainable horticulture, organic farming, and landscape design. Students will design and construct projects after they have successfully completed advanced research. Advanced level students will help manage the greenhouse, plant/floral sales, and the production in the food garden/orchard area and participate in other projects that vary by school. This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 4751

IB Physics A  
Course Code: 7141
This program will familiarize students with the principles of physics while engaging students in the methods of scientific inquiry and discovery. The main topics in this first year are mechanics, waves, electricity, and modern physics. The course has an extensive experimental program and students’ skill development will include measurement and analysis of data as part of their course work. IB Physics provides a sound basis for further advanced studies in Physics whether part of the IB diploma or a similar level course. Students will be prepared to take the International Baccalaureate Physics Standard Level examination and this testing opportunity is available within the course.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 7142
**Science**

**IB Physics B**

Course Code: 7142

This program will familiarize students with the principles of physics while engaging students in the methods of scientific inquiry and discovery. The main topics in this first year are mechanics, waves, electricity, and modern physics. The course has an extensive experimental program and students' skill development will include measurement and analysis of data as part of their course work. IB Physics provides a sound basis for further advanced studies in Physics whether part of the IB diploma or a similar level course. Students will be prepared to take the International Baccalaureate Physics Standard Level examination and this testing opportunity is available within the course.

*Grades: 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: 7141*

**Environmental Science A**

Course Code: 7161

Environmental science will prepare students to better understand the Earth system is composed of interacting subsystems. Environmental science students will apply the principals of biology, chemistry, geology, and geography to projects based learning activities that encourage thinking, researching, modeling and designing solutions to problems in our community. Throughout the Environmental science course students will engage in learning activities that require them to be involved in reading and writing activities that help build knowledge, make meaning and apply learning. Students will be challenged to ask questions and design solutions. Students will practice thinking about evidence to communicate information. Career-related connections will be linked throughout the course. Guest speakers from community organizations and state and federal agencies should be leveraged to help students recognize the diverse skills applied by STEM professionals.

*Grades: 9, 10, 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: 7161*

**Environmental Science B**

Course Code: 7162

Environmental science will prepare students to better understand the Earth system is composed of interacting subsystems. Environmental science students will apply the principals of biology, chemistry, geology, and geography to projects based learning activities that encourage thinking, researching, modeling and designing solutions to problems in our community. Throughout the Environmental science course students will engage in learning activities that require them to be involved in reading and writing activities that help build knowledge, make meaning and apply learning. Students will be challenged to ask questions and design solutions. Students will practice thinking about evidence to communicate information. Career-related connections will be linked throughout the course. Guest speakers from community organizations and state and federal agencies should be leveraged to help students recognize the diverse skills applied by STEM professionals.

*Grades: 9, 10, 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: 7161*

**Honors Biology A**

Course Code: 7401

This course is designed to increase student awareness of the living environment and current advances in the processes of biological sciences. Quantitative and qualitative laboratories will be emphasized for hands-on science problem solving. Topics will include ecology, biochemistry, cell biology and reproduction, taxonomy, genetics, evolution, human anatomy and physiology, and plant and animal science.

*Grades: 9*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: 7402*

**Honors Biology B**

Course Code: 7402

This course is designed to increase student awareness of the living environment and current advances in the processes of biological sciences. Quantitative and qualitative laboratories will be emphasized for hands-on science problem solving. Topics will include ecology, biochemistry, cell biology and reproduction, taxonomy, genetics, evolution, human anatomy and physiology, and plant and animal science.

*Grades: 9*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: 7401*
Science

**Biology A**

Course Code: 7431

This course provides a systematic approach to the biological sciences and it emphasizes energy transfer and regulation in living systems. The student will study the component structures of living systems such as organelles, cells, organs, organisms, and ecosystems. Students will investigate interactions in biomes, ecosystems, communities and populations. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. An SMT option (Course code 7381, 7382) is available for students accepted to the SMT Magnet program.

Grades: 9, 10, 11  
Credits: 0.5  
PreReq: N/A  
CoReq: 7432

**Biology B**

Course Code: 7432

This course provides a systematic approach to the biological sciences and it emphasizes energy transfer and regulation in living systems. The student will study the component structures of living systems such as organelles, cells, organs, organisms, and ecosystems. Students will investigate interactions in biomes, ecosystems, communities and populations. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. An SMT option (Course code 7381, 7382) is available for students accepted to the SMT Magnet program.

Grades: 9, 10, 11  
Credits: 0.5  
PreReq: N/A  
CoReq: 7431

**Honors Chemistry A**

Course Code: 7491

This course covers topics such as the structure of the atom, periodic table, chemical reactions, acids and bases, and gas laws. The theoretical basis of chemical reactions is studied as well as practical applications as evidenced in laboratory experiments, problems solving and cooperative learning. Chemistry is highly recommended for students entering four year universities or planning a science-related career. This course is intended for students planning on taking IB or advanced science courses later in their high school career. Development of essential IB laboratory skills is a main emphasis of the course. Students should be concurrently enrolled in Algebra 2 or higher.

Grades: 9, 10, 11  
Credits: 0.5  
PreReq: N/A  
CoReq: 7492

**Honors Chemistry B**

Course Code: 7492

This course covers topics such as the structure of the atom, periodic table, chemical reactions, acids and bases, and gas laws. The theoretical basis of chemical reactions is studied as well as practical applications as evidenced in laboratory experiments, problems solving and cooperative learning. Chemistry is highly recommended for students entering four year universities or planning a science-related career. This course is intended for students planning on taking IB or advanced science courses later in their high school career. Development of essential IB laboratory skills is a main emphasis of the course. Students should be concurrently enrolled in Algebra 2 or higher.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 7491

**Horticulture Science A**

Course Code: 7521

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111). This course is a 2-for-1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 7522
Horticulture Science B

Course Code: 7522

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions. This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111). This course is a 2-for-1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12
PreReq: N/A
CoReq: 7521

Human Anatomy and Physiology B

Course Code: 7562

This course will familiarize students with the structure and function of the human body through study of cell specialization, tissues, organs, and systems of the body, as well as an integrated look at the effect of the environment on human physiology. Laboratory activities, including animal dissections, which simulate internal exploration of human systems are an integral part of the course. Discussions, student presentations, individual research, team problem solving, and community resources complement the lab activities. This course is recommended for students interested in careers related to biological sciences, environmental sciences, health care and physical education/coaching.

Grades: 11, 12
PreReq: N/A
CoReq: 7561

Human Anatomy and Physiology A

Course Code: 7561

This course will familiarize students with the structure and function of the human body through study of cell specialization, tissues, organs, and systems of the body, as well as an integrated look at the effect of the environment on human physiology. Laboratory activities, including animal dissections, which simulate internal exploration of human systems are an integral part of the course. Discussions, student presentations, individual research, team problem solving, and community resources complement the lab activities. This course is recommended for students interested in careers related to biological sciences, environmental sciences, health care and physical education/coaching.

Grades: 11, 12
PreReq: N/A
CoReq: 7562

Oceanography

Course Code: 7621

This class is an introduction to the physical, chemical and biological properties of our oceans. Topics will include marine biology; ocean movements such as currents and tides; oceanic effects on climate and weather patterns including hurricanes and tsunamis; global perspectives including ocean pollution; and oceanic exploration and technology.

Grades: 11, 12
PreReq: N/A
CoReq: N/A

Astronomy

Course Code: 7601

This course will familiarize students with our solar system, our galaxy, and our universe. Topics include life cycles of stars, black holes, the nine planets, asteroids, comets, moons, as well as the organization and history of the universe and space exploration. Coursework will include laboratory activities, projects and observation of the stars, planets and moon.

Grades: 11, 12
PreReq: N/A
CoReq: N/A
Science

Zoology A
Course Code: 7641
This course focuses on the study of animal life through discussions, research and laboratory activities. Topics include diversity of animal life, comparison of species, animal behavior, adaptation, anatomical variation, and classification. This course is especially useful to students who wish to pursue a career in animal science, veterinary or human medicine, or who are interested in animals.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7642

Zoology B
Course Code: 7642
This course focuses on the study of animal life through discussions, research and laboratory activities. Topics include diversity of animal life, comparison of species, animal behavior, adaptation, anatomical variation, and classification. This course is especially useful to students who wish to pursue a career in animal science, veterinary or human medicine, or who are interested in animals.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7642

Chemistry A
Course Code: 7731
This course covers topics such as the structure of the atom, periodic table, acids and bases, chemical reactions, and gas laws. The theoretical basis of chemical reaction is studied as well as practical applications as evidenced in laboratory experiments, problem solving and cooperative learning. A strong background in algebra is required. Chemistry is highly recommended for students entering four-year universities or planning a science-related career.
Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7641

Chemistry B
Course Code: 7732
This course covers topics such as the structure of the atom, periodic table, acids and bases, chemical reactions, and gas laws. The theoretical basis of chemical reaction is studied as well as practical applications as evidenced in laboratory experiments, problem solving and cooperative learning. A strong background in algebra is required. Chemistry is highly recommended for students entering four-year universities or planning a science-related career.
Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7732

Physics A
Course Code: 7771
This course will focus on the physical laws of nature through study of measurement, forces, motion, simple machines, wave motion, light, optics, and properties of the atom. Applications to the real world are stressed. Problem solving, laboratory work and projects are essential elements of the class.
Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7772

Physics B
Course Code: 7772
This course will focus on the physical laws of nature through study of measurement, forces, motion, simple machines, wave motion, light, optics, and properties of the atom. Applications to the real world are stressed. Problem solving, laboratory work and projects are essential elements of the class.
Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7771

IB Biology 2 A
Course Code: 7811
This course is intended for the college-bound student who desires and in-depth look at the concepts in Biology. College text and IB course work is followed. Emphasis is placed on laboratory work, which develops scientific research skills and writing. An experimental research project will be required. Field trips to science facilities and competitions will be included. The topics covered include biochemistry, cell biology, cell reproduction, genetics, molecular genetics, evolution, and plant and animal science.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7812

IB Biology 2 B
Course Code: 7812
This course is intended for the college-bound student who desires and in-depth look at the concepts in Biology. College text and IB course work is followed. Emphasis is placed on laboratory work, which develops scientific research skills and writing. An experimental research project will be required. Field trips to science facilities and competitions will be included. The topics covered include biochemistry, cell biology, cell reproduction, genetics, molecular genetics, evolution, and plant and animal science.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: 7811
IB Biology 3 A
Course Code: 7821
This is a continuation of IB Biology 2. Emphasis is placed on preparing the student for the higher level IB Biology exam. The topics covered include ecology, classification, simple organisms, disease, animals, and anatomy and physiology. Dissections will be necessary to study system structure. Field trips and a unit on bioethics will also be included.

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 7822

IB Biology 3 B
Course Code: 7822
This is a continuation of IB Biology 2. Emphasis is placed on preparing the student for the higher level IB Biology exam. The topics covered include ecology, classification, simple organisms, disease, animals, and anatomy and physiology. Dissections will be necessary to study system structure. Field trips and a unit on bioethics will also be included.

Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 7821

IB Physics 2 A
Course Code: 7831
This course covers the concepts of physics necessary to complete an understanding of the IB curriculum, while also preparing students to take the Standard Level (SL) IB Physics exam. Building from the IB Physics 1 course, the second part of this two-year course of study includes advanced laboratory techniques and application of knowledge to unify students' comprehension of physics. Students will complete an individual research project. Topics include: atomic and nuclear physics, particle physics, electromagnetic fields, energy production and astrophysics.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 7832

IB Physics 2 B
Course Code: 7832
This course covers the concepts of physics necessary to complete an understanding of the IB curriculum, while also preparing students to take the Standard Level (SL) IB Physics exam. Building from the IB Physics 1 course, the second part of this two-year course of study includes advanced laboratory techniques and application of knowledge to unify students' comprehension of physics. Students will complete an individual research project. Topics include: atomic and nuclear physics, particle physics, electromagnetic fields, energy production and astrophysics.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 7831

IB Chemistry 2 A
Course Code: 7851
This course will follow the IB curriculum which seeks to incorporate recent scientific thinking in many countries. The course will prepare the student to take the higher level IB exam after two years of IB Chemistry. In addition to obtaining factual information about chemistry, the student will be given opportunity for research and discovery using problem solving and scientific methods. Laboratory work will be an important part of this course, as students learn the practical skills in developing an appreciation of the responsibilities facing a scientist. Topics include atomic theory, bonding, environmental chemistry, states of matter, thermochemistry, and organic chemistry.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 7852

IB Chemistry 2 B
Course Code: 7852
This course will follow the IB curriculum which seeks to incorporate recent scientific thinking in many countries. The course will prepare the student to take the higher level IB exam after two years of IB Chemistry. In addition to obtaining factual information about chemistry, the student will be given opportunity for research and discovery using problem solving and scientific methods. Laboratory work will be an important part of this course, as students learn the practical skills in developing an appreciation of the responsibilities facing a scientist. Topics include atomic theory, bonding, environmental chemistry, states of matter, thermochemistry, and organic chemistry.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 7851
IB Chemistry 3 A
Course Code: 7861
This course will cover the materials needed to complete the understanding of the IB curriculum and prepare students to take the higher level IB Chemistry exam. Students will practice advanced laboratory techniques and apply their knowledge of the field of chemistry to unity their understanding from this two-year course of study. Topics include equilibria, acid-based, rates, entropy, oxidation-reduction and biochemistry.
Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 7862

IB Chemistry 3 B
Course Code: 7862
This course will cover the materials needed to complete the understanding of the IB curriculum and prepare students to take the higher level IB Chemistry exam. Students will practice advanced laboratory techniques and apply their knowledge of the field of chemistry to unity their understanding from this two-year course of study. Topics include equilibria, acid-based, rates, entropy, oxidation-reduction and biochemistry.
Grades: 12
Credits: 0.5
PreReq: N/A
CoReq: 7861
### Social Studies

<table>
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<tr>
<th>GRADE</th>
<th>COURSE OFFERINGS</th>
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<tbody>
<tr>
<td>10TH</td>
<td>World Themes ◊, Honors World Themes ◊, AP World History ◊, AP Human Geography ◊</td>
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<tr>
<td>12TH</td>
<td>Contemporary World Problems/Civics ◊, AP Comparative Government ◊, AP U.S. Government and Politics ◊, AP Economics ◊ ‡, IB Modern World History ◊</td>
</tr>
<tr>
<td>Electives</td>
<td>AP Government and Politics ◊, AP Human Geography ◊, AP Economics ◊ ‡, AP Psychology ◊, IB Elective offerings ◊, Criminal Law, Law and Justice</td>
</tr>
</tbody>
</table>

Courses are selected in alignment with the student's High School and Beyond Plan. Offerings vary by grade and/or school. Students may earn high school math credit in middle school.

◊ CADR approved ‡ Dual Credit ◊ Equivalency

About CADR courses: on every course listing page, you will see notations regarding CADR approved courses. If you have further questions about these requirements, please contact your school counselor. College Academic Distribution Requirements (CADR) is a Washington State initiative that set minimum admission standards for college freshmen entering Washington’s public universities beginning summer 2012. Each course description indicates whether a course meets CADR.

National Collegiate Athletic Association (NCAA) is a member-led organization dedicated to providing a pathway to opportunity for college athletes. NCAA-approved courses mean that these credits will count towards being NCAA eligible for potential athletic scholarships for student athletes. To find your school's list of NCAA Courses, go here: [https://web3.ncaa.org/hsportal](https://web3.ncaa.org/hsportal)

Get FREE access to Vancouver Public Schools' career and college readiness platform: go to the web site [https://login.xello.world/](https://login.xello.world/)

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Social Studies

IB Theory of Knowledge A
Course Code: 2441
This course explores the origins, validity, and value of various forms of knowledge. The content is the various subject areas of the IB student’s education, as well as personal beliefs. The goals of the course are to gain an understanding of truth and knowledge in science, art, history, etc., how these ways of knowing relate to each other, and how to think critically about knowledge in general. *Note: This course is required for all IB Diploma candidates. However, non diploma IB students who are interested in philosophy may enroll on a space available basis. Students not designated as IB Diploma candidates who want to take this class need 1) prior written consent of the instructor or IB Coordinator AND 2) need to be enrolled in all of the following classes: IB English, IB History, and an IB-level Science. Students who want to take this class but who do not meet these requirements should consider enrolling in IB Philosophy.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 2442

IB Theory of Knowledge B
Course Code: 2442
This course explores the origins, validity, and value of various forms of knowledge. The content is the various subject areas of the IB student’s education, as well as personal beliefs. The goals of the course are to gain an understanding of truth and knowledge in science, art, history, etc., how these ways of knowing relate to each other, and how to think critically about knowledge in general. *Note: This course is required for all IB Diploma candidates. However, non diploma IB students who are interested in philosophy may enroll on a space available basis. Students not designated as IB Diploma candidates who want to take this class need 1) prior written consent of the instructor or IB Coordinator AND 2) need to be enrolled in all of the following classes: IB English, IB History, and an IB-level Science. Students who want to take this class but who do not meet these requirements should consider enrolling in IB Philosophy.

Grades: 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 2441

World Themes: Washington Perspectives A
Course Code: 8051
World Themes is a two semester offering. Each semester will engage students in a dynamic study of global perspectives on various themes. For example themes such as conflict, technologies, etc. will be examined through the lenses of history, economics, civics, and geography. Each thematic study will link to the Washington context in order to give students an understanding of the role the state has played in world events.

Grades: 10
Credits: 0.5
PreReq: N/A
CoReq: 8052

World Themes: Washington Perspectives B
Course Code: 8052
World Themes is a two semester offering. Each semester will engage students in a dynamic study of global perspectives on various themes. For example themes such as conflict, technologies, etc. will be examined through the lenses of history, economics, civics, and geography. Each thematic study will link to the Washington context in order to give students an understanding of the role the state has played in world events.

Grades: 10
Credits: 0.5
PreReq: N/A
CoReq: 8051

Honors World Themes: Washington Perspectives A
Course Code: 8121
Students will strengthen both international mindedness and international understanding and respect by viewing the historic, economic, civic, and geographic aspects of world history through the lens of various themes including world religions, conflict, global expansion and encounter, revolutions, new nations, democracy and human rights. Each thematic study will include a link to the same themes in the context of Washington State history in order to give students an understanding of the role the state has played in world events.

Grades: 10
Credits: 0.5
PreReq: N/A
CoReq: 8122
Social Studies

Honors World Themes: Washington Perspectives B
Course Code: 8122
Students will strengthen both international mindedness and international understanding and respect by viewing the historic, economic, civic, and geographic aspects of world history through the lens of various themes including world religions, conflict, global expansion and encounter, revolutions, new nations, democracy and human rights. Each thematic study will include a link to the same themes in the context of Washington State history in order to give students an understanding of the role the state has played in world events.

Grades: 10 Credits: 0.5
PreReq: N/A CoReq: 8121

IB History of the Americas A
Course Code: 8201
This course is an in depth study of the entire Western Hemisphere, including Canada, the Caribbean, Central America, South America, and the United States. By the very nature of this study, students are obliged to go beyond simple information; course content necessitates comparison and analysis. It is not just the history of one country, but of the ways in which the histories of many nations have been intertwined and have interacted. The course will prepare students for collegiate academic study by making demands upon them equivalent to a college course. Students are encouraged to take the IB History test although not required.

Grades: 11 Credits: 0.5
PreReq: N/A CoReq: 8202

IB History of the Americas B
Course Code: 8202
This course is an in depth study of the entire Western Hemisphere, including Canada, the Caribbean, Central America, South America, and the United States. By the very nature of this study, students are obliged to go beyond simple information; course content necessitates comparison and analysis. It is not just the history of one country, but of the ways in which the histories of many nations have been intertwined and have interacted. The course will prepare students for collegiate academic study by making demands upon them equivalent to a college course. Students are encouraged to take the IB History test although not required.

Grades: 11 Credits: 0.5
PreReq: N/A CoReq: 8201

U.S. History A
Course Code: 8221
In this course students will study specific topics from U.S. History during our nation's development from post Civil War through the 20th Century. Topics addressed include the following: Emergence of America as a World Power, reform, prosperity and depression, World War I and World War II, the Cold War, International Relations and Post World War II including domestic, political, social and economic issues.

Grades: 11 Credits: 0.5
PreReq: N/A CoReq: 8222

U.S. History B
Course Code: 8222
In this course students will study specific topics from U.S. History during our nation's development from post Civil War through the 20th Century. Topics addressed include the following: Emergence of America as a World Power, reform, prosperity and depression, World War I and World War II, the Cold War, International Relations and Post World War II including domestic, political, social and economic issues.

Grades: 11 Credits: 0.5
PreReq: N/A CoReq: 8221

IB Modern World History A
Course Code: 8401
Modern World History is the second year of a two year IB History sequence. The content of this course focuses on a selection of 20th Century world history topics, which may include: Causes, Practices and Effects of War - Nationalism, and Independence Movements - The Rise and Rule of Single Party States - The Establishment and Work of International Organizations - The Cold War. Ideally, at the end of this second year of the IB History sequence, students will have become aware of the international context in which they live, encountered the major issues of the contemporary world, acquired greater understanding of the work of the historian and the historical process, and learned of their own national heritage. Students who successfully complete the two-year IB sequence may elect to take the Higher Level (HL) History examination. The course fulfills the Contemporary World Problems and Civic Responsibilities requirement.

Grades: 12 Credits: 0.5
PreReq: N/A CoReq: 8402
Social Studies

IB Modern World History B
Course Code: 8402
Modern World History is the second year of a two year IB History sequence. The content of this course focuses on a selection of 20th Century world history topics, which may include: Causes, Practices and Effects of War - Nationalism, and Independence Movements - The Rise and Rule of Single Party States - The Establishment and Work of International Organizations - The Cold War. Ideally, at the end of this second year of the IB History sequence, students will have become aware of the international context in which they live, encountered the major issues of the contemporary world, acquired greater understanding of the work of the historian and the historical process, and learned of their own national heritage. Students who successfully complete the two-year IB sequence may elect to take the Higher Level (HL) History examination. The course fulfills the Contemporary World Problems and Civic Responsibilities requirement.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 8401

Civics
Course Code: 8422
In this course, students will examine current issues and gain an understanding of the following concepts: Government Organization and Procedures (federal, state, tribal, and local), Constitutional Rights and Responsibilities of citizens (addressed in Washington state and United States Constitutions), Current Issues addressed at each level of government, Electoral Issues (elections, ballot measures, initiatives, and referenda), the study and completion of the civics component of the federally administered United States naturalization test, and the importance in a free society of living the basic values and character traits specified in RCW 28A.150.211. Through study of these topics, students will gain a vital understanding of the American system of governance and be prepared to become active participants in a democratic society. Currently Civics standards are embedded in CWP. As per RCW 28A.230.094 a mandatory .5 credit stand-alone course must be provided for each student.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 8421

CWP Contemporary World Problems and Civic Responsibilities
Course Code: 8421
The focus of study for this course is current world, national, state, and local issues as seen through the lenses of civics, economics, and geography. Students will read, discuss, and write about current themes such as human rights, civic action and responsibility, globalization and the economy, environmental issues, and allocation of resources. The knowledge and skills students will gain in this course will prepare them for world citizenship, civic participation, and financial literacy.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 8422

IB Global Politics A
Course Code: 8423
Using a variety of disciplines in the social sciences and humanities, this course offers students the opportunity to explore fundamental political concepts such as power, liberty and justice, in a variety of contexts and at a variety of levels. Students will develop an understanding of the local, national, international and global dimensions of political activity and explore political issues affecting their own lives by using relevant examples and case studies. The course explores politics not only at a state level, but also explores the function and impact of non-state actors, communities and individuals. The concept of power is also emphasized as being particularly crucial to understanding the dynamics and tensions of global politics. Issues such as conflict or migration are explored through an explicitly political lens.

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 8424
**Social Studies**

**IB Global Politics B**
Course Code: 8424

Using a variety of disciplines in the social sciences and humanities, this course offers students the opportunity to explore fundamental political concepts such as power, liberty and justice, in a variety of contexts and at a variety of levels. Students will develop an understanding of the local, national, international and global dimensions of political activity and explore political issues affecting their own lives by using relevant examples and case studies. The course explores politics not only at a state level, but also explores the function and impact of non-state actors, communities and individuals. The concept of power is also emphasized as being particularly crucial to understanding the dynamics and tensions of global politics. Issues such as conflict or migration are explored through an explicitly political lens.

Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 8423

**IB Philosophy B**
Course Code: 8632

This Standard Level (SL), two-semester IB course is recommended for students entering any field requiring critical thinking skills and a refined sense of judgment. Through daily seminar discussions and close readings of influential texts, the philosophy course allows students to explore fundamental questions underlying all of our big contemporary issues, including the challenge of how to develop a just, caring, and sustainable society. For example, we explore: What is it to be a human being? Could animals or machines be persons? Is “human nature” relative to biological and social necessities or gender and social conditioning? How do I know what is the right thing to do? Through these kinds of questions and others, the course confronts new problems arising within contemporary society. While a few IB-level assessments are required, students not taking the IB Diploma program are welcome. IB Philosophy students are also well-prepared for Theory of Knowledge the required IB Diploma course for IB juniors and seniors.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 8631

**IB Philosophy A**
Course Code: 8631

This Standard Level (SL), two-semester IB course is recommended for students entering any field requiring critical thinking skills and a refined sense of judgment. Through daily seminar discussions and close readings of influential texts, the philosophy course allows students to explore fundamental questions underlying all of our big contemporary issues, including the challenge of how to develop a just, caring, and sustainable society. For example, we explore: What is it to be a human being? Could animals or machines be persons? Is “human nature” relative to biological and social necessities or gender and social conditioning? How do I know what is the right thing to do? Through these kinds of questions and others, the course confronts new problems arising within contemporary society. While a few IB-level assessments are required, students not taking the IB Diploma program are welcome. IB Philosophy students are also well-prepared for Theory of Knowledge the required IB Diploma course for IB juniors and seniors.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 8631

**IB Psychology A**
Course Code: 8711

This course investigates the four perspectives of Psychology: behavioral, cognitive, humanistic/phenomenological, and psychodynamic. A unit of methodology and research, as well as an optional area of study in Life Span, is included. As a requirement for this course and qualification for the IB examination, students must complete an experimental study. Students will be prepared to take the IB Psychology examination upon completion of this course.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 8712

**IB Psychology B**
Course Code: 8712

This course investigates the four perspectives of Psychology: behavioral, cognitive, humanistic/phenomenological, and psychodynamic. A unit of methodology and research, as well as an optional area of study in Life Span, is included. As a requirement for this course and qualification for the IB examination, students must complete an experimental study. Students will be prepared to take the IB Psychology examination upon completion of this course.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 8711
Criminal Law
Course Code: 8801
Specific topics include the role of law enforcement, the rights of citizens and the legal process from criminal arrest to trial to correction. Students will study significant court cases and participate in simulated trials. Students will learn from law-related activities, field trips, and guest speakers as part of the Washington State Bar Association's Mentor Program. Students do not need to be accepted into the Legal Magnet to take this course.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Law and Justice
Course Code: 8811
This course will give students the opportunity to explore the legal system of the United States. Students will analyze legal issues through research, writing, discussion, guest speakers and mock trials. Activities include case studies and the Constitution Bill of Rights and a mock trial.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A
Visual and Performing Arts

Visual Art A
Course Code: 121
Through this course, students extend and refine their skills and techniques with various visual art media. In addition to the creation of original work in response to assigned projects, students apply art vocabulary and knowledge to analyze and interpret the work of others. Materials fee applies.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

Visual Art B
Course Code: 122
Through this course, students extend and refine their skills and techniques with various visual art media. In addition to the creation of original work in response to assigned projects, students apply art vocabulary and knowledge to analyze and interpret the work of others. Materials fee applies.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

Art Studio A
Course Code: 136
This course is for the advanced, self-motivated student artist and may focus on a particular medium or style. Students will keep a portfolio and work will be referenced to cultural and historical influences. Materials fee applies.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

Art Studio B
Course Code: 137
This course is for the advanced, self-motivated student artist and may focus on a particular medium or style. Students will keep a portfolio and work will be referenced to cultural and historical influences. Materials fee applies.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

IB Visual Art 1 A
Course Code: 141
IB Art is an intensive course designed for the serious art student. In addition to studio work, the IB student is expected to do research and writing, and to attend local art shows and museums. Art History and current social and cultural influences are integrated into the IB curriculum. Students are expected to be motivated, reflective independent learners.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

IB Visual Art 1 B
Course Code: 142
IB Art is an intensive course designed for the serious art student. In addition to studio work, the IB student is expected to do research and writing, and to attend local art shows and museums. Art History and current social and cultural influences are integrated into the IB curriculum. Students are expected to be motivated, reflective independent learners.
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

IB Film 1 A
Course Code: 143
The IB Film course aims to develop students' skills so that they become adept in both interpreting and making films. Through the study and analysis of film texts and exercises in film-making, this course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The IB Film course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. At the core of the IB film course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis that is achieved through practical engagement in the art and craft of film. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).
Grades: 11, 12 Credits: 0.5
PreReq: N/A CoReq: 144
**Visual and Performing Arts**

**IB Film 1 B**

Course Code: 144

The IB Film course aims to develop students' skills so that they become adept in both interpreting and making films. Through the study and analysis of film texts and exercises in film-making, this course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The IB Film course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. At the core of the IB film course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis that is achieved through practical engagement in the art and craft of film. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

**Grades:** 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 143

**IB Visual Art 2 A**

Course Code: 145

This is the second level of IB Visual Art.

**Grades:** 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 146

**IB Visual Art 2 B**

Course Code: 146

This is the second level of IB Visual Art.

**Grades:** 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 145

**Graphic Design A**

Course Code: 0201V

If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

**Grades:** 9, 10, 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 0202V

**Graphic Design B**

Course Code: 0202V

If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

**Grades:** 9, 10, 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 0201V

**Advanced Graphic Design A**

Course Code: 0211V

This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

**Grades:** 10, 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 0212V

**Advanced Graphic Design B**

Course Code: 0212V

This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

**Grades:** 10, 11, 12  
**Credits:** 0.5  
**PreReq:** N/A  
**CoReq:** 0211V
**Visual and Performing Arts**

**Pottery I A**
Course Code: 261
In this beginning pottery class, students learn and apply both hand building and wheel throwing techniques, as well as how to glaze and fire ceramic products. Materials fee applies.

*Grades: 9, 10, 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: N/A*

**Pottery I B**
Course Code: 262
In this beginning pottery class, students learn and apply both hand building and wheel throwing techniques, as well as how to glaze and fire ceramic products. Materials fee applies.

*Grades: 9, 10, 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: N/A*

**Pottery II A**
Course Code: 271
This advanced pottery class is designed for self-motivated, independent students and focuses on higher level techniques, larger pieces, and sculpture that demonstrates principles of design. Materials fee applies.

*Grades: 10, 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: N/A*

**Pottery II B**
Course Code: 272
This advanced pottery class is designed for self-motivated, independent students and focuses on higher level techniques, larger pieces, and sculpture that demonstrates principles of design. Materials fee applies.

*Grades: 10, 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: N/A*

**IB Pottery 1 A**
Course Code: 273
IB Visual Art with an emphasis on Pottery is an advanced course designed for the serious ceramic student. The main components to this course are the student's artwork, independent research in their notebook, a final art exhibition, and a written and visual comparative analysis. The IB student is expected to do research and writing, and to attend local art shows and museums. Art History, current social and cultural influences are integrated into the IB curriculum. Students are expected to be motivated, reflective independent learners. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem solving and divergent thinking, while working towards technical proficiency and confidence as art makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. Materials fee may apply.

*Grades: 11, 12*  
*Credits: 0.5*  
*PreReq: N/A*  
*CoReq: 274*
IB Art Pottery 1 B
Course Code: 274
IB Visual Art with an emphasis on Pottery is an advanced course designed for the serious ceramic student. The main components to this course are the student's artwork, independent research in their notebook, a final art exhibition, and a written and visual comparative analysis. The IB student is expected to do research and writing, and to attend local art shows and museums. Art History, current social and cultural influences are integrated into the IB curriculum. Students are expected to be motivated, reflective independent learners. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem solving and divergent thinking, while working towards technical proficiency and confidence as art makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. Materials fee may apply.

| Grades: 11, 12 | Credits: 0.5 |
| PreReq: N/A | CoReq: 273 |

Photography I
Course Code: 0311V
This class introduces students to the basic skills and techniques of photography. Students will develop knowledge of the principles of photographic composition and perfect their skills through projects, presentations and lab experiences. Students learn about the history of photography by examining the work of notable photographers and the techniques they use to make them successful. Students will be able to describe and analyze their works and those of others using appropriate photography terminology. Students will gain experience in camera usage, film processing, (not available at Skyview or Fort), black and white printing (not available at Skyview or Fort), digital imaging, Photoshop software, safe lab practices, organization, and presentation of works. Manual camera recommended at Hudson's Bay and Columbia River. Materials fee may apply. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

| Grades: 9, 10, 11, 12 | Credits: 0.5 |
| PreReq: N/A | CoReq: N/A |

IB Pottery 2 A
Course Code: 275
This is the second level of IB Pottery.

| Grades: 12 | Credits: 0.5 |
| PreReq: N/A | CoReq: 276 |

IB Pottery 2 B
Course Code: 276
This is the second level of IB Pottery.

| Grades: 9, 10, 11, 12 | Credits: 0.5 |
| PreReq: N/A | CoReq: N/A |

Photography II
Course Code: 0312V
In this advanced course, students learn and apply higher level photographic concepts, techniques, and skills with a focus on building digital editing skills. Students will refine their technical skills and explore unique digital media allowing students to understand, reflect upon, and appreciate visual literacy. In addition, students will learn about business practices in the industry, studio set up, advanced lighting techniques, specialized equipment and pre-press techniques to improve printing and color management. Materials fee may apply. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

| Grades: 9, 10, 11, 12 | Credits: 0.5 |
| PreReq: N/A | CoReq: N/A |
**Photography III A**

Course Code: 0321V

Students in Photo III will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. Materials fee may apply. Students at Bay, River, and Skyview can apply for AP status and receive college credit for the class. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 10, 11, 12  
PreReq: N/A  
Credits: 0.5  
CoReq: 0322V*  

**IB Photo 1 A**

Course Code: 0323V

Students in IB Visual Art (Photography) will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. Materials fee may apply.

*Grades: 11, 12  
PreReq: N/A  
Credits: 0.5  
CoReq: 0324V*  

**Photography III B**

Course Code: 0322V

Students in Photo III will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. Materials fee may apply. Students at Bay, River, and Skyview can apply for AP status and receive college credit for the class. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

*Grades: 10, 11, 12  
PreReq: N/A  
Credits: 0.5  
CoReq: 0321V*
**Visual and Performing Arts**

**IB Photo 1 B**
Course Code: 0324V
Students in IB Visual Art (Photography) will be able to use photographic images and photographic principles to express and interpret context, theme, ideas, technique, feeling, and intent. Through instruction and practice, students will refine basic skills and learn more advanced imaging principles and techniques. Students will focus on photo critique and editing with a resulting goal of creating aesthetically appealing and technically accurate prints. Students will apply new and developing skills to the production of photo presentations. Students will reflect on their work and the work of others using suitable photographic vocabulary. Unassisted, students will be able to create thematic photographic works that show evidence of stylized composition, technical proficiency with equipment, and application of advanced printing techniques. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. Materials fee may apply.

*Grades: 11, 12  Credit: 0.5  PreReq: N/A  CoReq: 0323V*

**Theatre I A**
Course Code: 351
This class introduces students to the fundamentals of acting and examines historic and technical elements of theatre production. Through a variety of activities including theatre games and improvisation, students develop vocal and physical expressiveness, concentration, collaboration and creativity. Some work reading, rehearsing, and attending performances outside of class is expected.

*Grades: 9, 10, 11, 12  Credit: 0.5  PreReq: N/A  CoReq: 352*

**Theatre I B**
Course Code: 352
This class introduces students to the fundamentals of acting and examines historic and technical elements of theatre production. Through a variety of activities including theatre games and improvisation, students develop vocal and physical expressiveness, concentration, collaboration and creativity. Some work reading, rehearsing, and attending performances outside of class is expected.

*Grades: 9, 10, 11, 12  Credit: 0.5  PreReq: N/A  CoReq: 351*

**Concert Band A**
Course Code: 491
This class is open to students of all levels and focuses on the development of instrumental music skills, musical performance, and understanding of music theory. Students are expected to participate in the fall football season in addition to concert performances.

*Grades: 9, 10, 11, 12  Credit: 0.5  PreReq: N/A  CoReq: 492*

**Concert Band B**
Course Code: 492
This class is open to students of all levels and focuses on the development of instrumental music skills, musical performance, and understanding of music theory. Students are expected to participate in the fall football season in addition to concert performances.

*Grades: 9, 10, 11, 12  Credit: 0.5  PreReq: N/A  CoReq: 491*

**Jazz Ensemble A**
Course Code: 511
This course focuses on a variety of jazz styles and may include swing, Dixieland, be-bop, Latin, and fusion. There is an emphasis on theory as it relates to jazz and improvisation and includes various opportunities for performance.

*Grades: 9, 10, 11, 12  Credit: 0.5  PreReq: N/A  CoReq: 512*
Jazz Ensemble B
Course Code: 512
This course focuses on a variety of jazz styles and may include swing, Dixieland, be-bop, Latin, and fusion. There is an emphasis on theory as it relates to jazz and improvisation and includes various opportunities for performance.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 511

Orchestra A
Course Code: 521
This class is open to students of all levels interested in the study of string instruments (violin, viola, cello and bass). Focus is on the development of technical skill, musical performance, and understanding of music theory. Students will study and perform music from a variety of styles and genres.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 522

Orchestra B
Course Code: 522
This class is open to students of all levels interested in the study of string instruments (violin, viola, cello and bass). Focus is on the development of technical skill, musical performance, and understanding of music theory. Students will study and perform music from a variety of styles and genres.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 521

Wind Ensemble A
Course Code: 551
Open only to advanced students, this course includes the study and performance of music at a level selected to challenge the technical skill and musicianship of the group. Student musicians will have multiple opportunities for performance in a variety of settings and venues. This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.
Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 552

Wind Ensemble B
Course Code: 552
Open only to advanced students, this course includes the study and performance of music at a level selected to challenge the technical skill and musicianship of the group. Student musicians will have multiple opportunities for performance in a variety of settings and venues. This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.
Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 551

Advanced Orchestra A
Course Code: 571
This string performing ensemble class continues development of individual and ensemble skills through advanced orchestra music and meets opposite of wind ensemble to facilitate full orchestra performances (strings and winds.) This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 572

Advanced Orchestra B
Course Code: 572
This string performing ensemble class continues development of individual and ensemble skills through advanced orchestra music and meets opposite of wind ensemble to facilitate full orchestra performances (strings and winds.) This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.
Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 571
Visual and Performing Arts

Beginning Guitar A
Course Code: 581
This class focuses on basic guitar techniques (open chords, bar chords, scales, pick control and finger style playing). Content also includes sight reading, note writing, and in class performance. Students provide their own acoustic guitar.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 582

Beginning Guitar B
Course Code: 582
This class focuses on basic guitar techniques (open chords, bar chords, scales, pick control and finger style playing). Content also includes sight reading, note writing, and in class performance. Students provide their own acoustic guitar.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 581

Chorus A
Course Code: 711
This class is designed for the student with little or no music training. Basics of vocal production, ear training, and performing with a group are the focus of the class. Basic sight reading and music theory are also covered.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Chorus B
Course Code: 712
This class is designed for the student with little or no music training. Basics of vocal production, ear training, and performing with a group are the focus of the class. Basic sight reading and music theory are also covered.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Concert Choir A
Course Code: 731
Students develop vocal technique, sight reading skills and understanding of music theory. Stage presence and performance skills are developed through rehearsal and performance of a variety of vocal and musical styles.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Concert Choir B
Course Code: 732
Students develop vocal technique, sight reading skills and understanding of music theory. Stage presence and performance skills are developed through rehearsal and performance of a variety of vocal and musical styles.

Grades: 9, 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: N/A

Acappella Choir A
Course Code: 741
This course is designed for students with a strong music background. In Acappella Choir, students extend and refine theoretical understanding and technical skills. Excellence in musicianship and musical expression are stressed. Extensive performance in a variety of settings and venues is expected. This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 742

Acappella Choir B
Course Code: 742
This course is designed for students with a strong music background. In Acappella Choir, students extend and refine theoretical understanding and technical skills. Excellence in musicianship and musical expression are stressed. Extensive performance in a variety of settings and venues is expected. This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.

Grades: 10, 11, 12
Credits: 0.5
PreReq: N/A
CoReq: 741
**Visual and Performing Arts**

**IB Music Theory A**

Course Code: 791

This course includes music theory, the study of a prescribed work, and the study of musical genres and styles from various cultures and parts of the world. Students are expected to complete an in-depth music investigation and one or more solo or group performances or two to three original music compositions. Students must also successfully complete the IB Music exam.

*Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 792*  

**IB Music Theory B**

Course Code: 792

This course includes music theory, the study of a prescribed work, and the study of musical genres and styles from various cultures and parts of the world. Students are expected to complete an in-depth music investigation and one or more solo or group performances or two to three original music compositions. Students must also successfully complete the IB Music exam.

*Grades: 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 792*  

**Music Explore**

Course Code: 11301

By the end of Music Explore, the students will demonstrate an understanding of duple and triple meter. They will use music vocabulary to articulate the qualities of vocal and instrumental performance. Students will be able to notate simple patterns of rhythm and melody, compose and perform basic melodies and harmonies, and improvise within a pentatonic framework. Expectations include participation in ensemble through a variety of settings as well as partner singing in simple 2-part canon.

*Grades: 9, 10, 11, 12  Credits: 0.5  PreReq: N/A  CoReq: N/A*  

**Yearbook A**

Course Code: 2731V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

*Grades: 9, 10, 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 2732V*  

**Yearbook B**

Course Code: 2732V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

*Grades: 9, 10, 11, 12  Credits: 0.5  PreReq: N/A  CoReq: 2731V*
Multimedia Exploration

Course Code: 4111

If you want to tap into your creativity through digital media, this class is for you! This class explores a variety of media options such as: animation, digital art and photography, electronic page design, video production, web design, and graphic design. Adobe Creative Suite software applications will be introduced. If you are interested in a career in advertising, video production, design technology, graphic design, video game design, or web design, then this class is a must have! This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12
PreReq: N/A
CoReq: 4116V

Advanced Video Production A

Course Code: 4131

Students will develop more advanced techniques in studio production, videography, editing and script writing. Advanced classes produce video projects for both the school and the community. Projects include morning announcements, sports videos, and various group and personal projects. Students continue to develop professional standards, leadership and teamwork skills, and may choose to participate in SkillsUSA, a student leadership organization. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12
PreReq: N/A
CoReq: 4132

Video Production A

Course Code: 4121

Students who see themselves designing and producing videos will benefit from this class. Opportunities include working with cameras and editing equipment. Effective pre-production, production and post-production skills are emphasized through a variety of hands-on projects. Professional standards, leadership and teamwork are incorporated into each project. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12
PreReq: N/A
CoReq: 4116V

Advanced Video Production B

Course Code: 4132

Students will develop more advanced techniques in studio production, videography, editing and script writing. Advanced classes produce video projects for both the school and the community. Projects include morning announcements, sports videos, and various group and personal projects. Students continue to develop professional standards, leadership and teamwork skills, and may choose to participate in SkillsUSA, a student leadership organization. This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Grades: 10, 11, 12
PreReq: N/A
CoReq: 4131

Video Production B

Course Code: 4122

Students who see themselves designing and producing videos will benefit from this class. Opportunities include working with cameras and editing equipment. Effective pre-production, production and post-production skills are emphasized through a variety of hands-on projects. Professional standards, leadership and teamwork are incorporated into each project. This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12
PreReq: N/A
CoReq: N/A
World Language

French 1 A
Course Code: 1111
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 1112

French 1 B
Course Code: 1112
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 1111

French 2 A
Course Code: 1121
The second year study of world language expands upon the vocabulary and structure of language with continued development of the four skills of listening, speaking, reading and writing. The communicative purposes and functions include interactions with friends, daily routine, traveling, the past and the future, self and self-image, pastimes, school here and abroad, environment, etc. Continued study of culture is an important element of this course. Students will be able to communicate in an increasing number of real situations.

Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 1112

French 2 B
Course Code: 1122
The second year study of world language expands upon the vocabulary and structure of language with continued development of the four skills of listening, speaking, reading and writing. The communicative purposes and functions include interactions with friends, daily routine, traveling, the past and the future, self and self-image, pastimes, school here and abroad, environment, etc. Continued study of culture is an important element of this course. Students will be able to communicate in an increasing number of real situations.

Grades: 9, 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: 1112

IB French 3 A
Course Code: 1133
The third year study of world language builds upon skills and proficiency learned in second year while addressing more complex language situations. The communicative purpose and functions include interactions relating to health, art, music, legends, the press, self and others, world view and intro to the literature, etc. Continued study of culture is an important element of this course. Students will be able to synthesize and communicate spontaneously in the language of study.

Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A

IB French 3 B
Course Code: 1134
The third year study of world language builds upon skills and proficiency learned in second year while addressing more complex language situations. The communicative purpose and functions include interactions relating to health, art, music, legends, the press, self and others, world view and intro to the literature, etc. Continued study of culture is an important element of this course. Students will be able to synthesize and communicate spontaneously in the language of study.

Grades: 10, 11, 12 Credits: 0.5
PreReq: N/A CoReq: N/A
World Language

German 1 A
Course Code: 1211
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1212

German 1 B
Course Code: 1212
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1211

German 2 A
Course Code: 1221
The second year study of world language expands upon the vocabulary and structure of language with continued development of the four skills of listening, speaking, reading and writing. The communicative purposes and functions include interactions with friends, daily routine, traveling, the past and the future, self and self-image, pastimes, school here and abroad, environment, etc. Continued study of culture is an important element of this course. Students will be able to communicate in an increasing number of real situations.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1222

German 2 B
Course Code: 1222
The second year study of world language expands upon the vocabulary and structure of language with continued development of the four skills of listening, speaking, reading and writing. The communicative purposes and functions include interactions with friends, daily routine, traveling, the past and the future, self and self-image, pastimes, school here and abroad, environment, etc. Continued study of culture is an important element of this course. Students will be able to communicate in an increasing number of real situations.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1211

Mandarin I A
Course Code: 1331
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1332

Mandarin I B
Course Code: 1332
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1331
World Language

**IB Mandarin Chinese 4 A**

Course Code: 1339

This course is a higher level class addressing increasingly complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of the IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

*Grades: 11, 12*

*Credits: 0.5*

*PreReq: N/A*

*CoReq: 1340*

**IB Chinese Mandarin 4 B**

Course Code: 1340

This course is a higher level class addressing increasingly complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of the IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

*Grades: 11, 12*

*Credits: 0.5*

*PreReq: N/A*

*CoReq: 1340*

**Honors Mandarin Seminar A**

Course Code: 1341

This course, conducted entirely in Mandarin, is designed for 9th grade students from the Mandarin Immersion and middle school Mandarin Language Learning Pathway programs. The seminar setting will allow students to explore complex real-world issues, recognize a variety of perspectives, and communicate their ideas while further developing their Mandarin language proficiency through conversations and interactions with native speakers. Students will apply their Mandarin language skills while developing research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical thinking skills.

*Grades: 9, 10, 11, 12*

*Credits: 0.5*

*PreReq: N/A*

*CoReq: 1342*

**Honors Mandarin Seminar B**

Course Code: 1342

This course, conducted entirely in Mandarin, is designed for 9th grade students from the Mandarin Immersion and middle school Mandarin Language Learning Pathway programs. The seminar setting will allow students to explore complex real-world issues, recognize a variety of perspectives, and communicate their ideas while further developing their Mandarin language proficiency through conversations and interactions with native speakers. Students will apply their Mandarin language skills while developing research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical thinking skills.

*Grades: 9*

*Credits: 0.5*

*PreReq: N/A*

*CoReq: 1341*

**Honors Mandarin Language Arts A**

Course Code: 1343

This course will allow students to continue to improve their proficiency in listening, speaking, reading and writing. The goal of this course is to successfully prepare students for International Baccalaureate (IB) coursework. Students will communicate their ideas effectively with diverse audiences, gain judgements on local/global issues, and translate their ideas and findings into appropriate actions through research, making inference, and giving suggestions. Research and problem-solving skills will develop with language. With the aid of technology, students will be expected to search and read publications in topics of interest, make summaries, and take positions and edit information with peers.

*Grades: 9, 10, 11, 12*

*Credits: 0.5*

*PreReq: N/A*

*CoReq: 1344*
Honors Mandarin Language Arts B
Course Code: 1344
This course will allow students to continue to improve their proficiency in listening, speaking, reading and writing. The goal of this course is to successfully prepare students for International Baccalaureate (IB) coursework. Students will communicate their ideas effectively with diverse audiences, gain judgements on local/global issues, and translate their ideas and findings into appropriate actions through research, making inference, and giving suggestions. Research and problem-solving skills will develop with language. With the aid of technology, students will be expected to search and read publications in topics of interest, make summaries, and take positions and edit information with peers.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1343

IB Mandarin Chinese 5 A
Course Code: 1345
This course is a continuation of the language development skills achieved in IB Mandarin Chinese 4. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test in the spring.

Grades: 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1346

IB Mandarin Chinese 5 B
Course Code: 1346
This course is a continuation of the language development skills achieved in IB Mandarin Chinese 4. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test in the spring.

Grades: 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1345

Spanish 1 A
Course Code: 1511
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12  
Credits: 0.5
PreReq: N/A  
CoReq: 1512
World Language

Spanish 1 B
Course Code: 1512
The first year is an introduction to the skills of listening, speaking, reading and writing, with an exposure to the history and culture of the people. The communicative purposes and functions introduced at this level address the basic interactions of everyday life, e.g. introductions, greetings, expression of needs, interests and desires, and an introduction to the target culture. Students will be able to communicate in controlled situations and begin to apply their skills in real situation.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A            CoReq: 1511

Spanish 2 A
Course Code: 1521
The second year study of world language expands upon the vocabulary and structure of language with continued development of the four skills of listening, speaking, reading and writing. The communicative purposes and functions include interactions with friends, daily routine, traveling, the past and the future, self and self-image, pastimes, school here and abroad, environment, etc. Continued study of culture is an important element of this course. Students will be able to communicate in an increasing number of real situations.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A            CoReq: 1522

Spanish 2 B
Course Code: 1522
The second year study of world language expands upon the vocabulary and structure of language with continued development of the four skills of listening, speaking, reading and writing. The communicative purposes and functions include interactions with friends, daily routine, traveling, the past and the future, self and self-image, pastimes, school here and abroad, environment, etc. Continued study of culture is an important element of this course. Students will be able to communicate in an increasing number of real situations.

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A            CoReq: 1521

Spanish 3 A
Course Code: 1531
The third year study of world language builds upon skills and proficiency learned in second year while addressing more complex language situations. The communicative purposes and functions include interactions relating to health, art, music, legends, the press, self and others, world view, and intro to the literature, etc. Continued study of culture is an important element of this course. Students will be able to synthesize and communicate spontaneously in the language of study.

Grades: 10, 11, 12     Credits: 0.5
PreReq: N/A            CoReq: 1532

Spanish 3 B
Course Code: 1532
The third year study of world language builds upon skills and proficiency learned in second year while addressing more complex language situations. The communicative purposes and functions include interactions relating to health, art, music, legends, the press, self and others, world view, and intro to the literature, etc. Continued study of culture is an important element of this course. Students will be able to synthesize and communicate spontaneously in the language of study.

Grades: 10, 11, 12     Credits: 0.5
PreReq: N/A            CoReq: 1531

American Sign Language 1 A
Course Code: 1601V
This introductory class will introduce students to American Sign Language (ASL). Emphasis will be on expressive and receptive sign language skills, vocabulary building and understanding basic ASL grammar. Students will gain an appreciation for ASL as a legitimate language through the study of the history of ASL, the nature and causes of deafness and exposure to the local deaf community. Students should be prepared to spend the majority of the classroom time in silence and to receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A            CoReq: 1602V
World Language

American Sign Language 1 B
Course Code: 1602V
This introductory class will introduce students to American Sign Language (ASL). Emphasis will be on expressive and receptive sign language skills, vocabulary building and understanding basic ASL grammar. Students will gain an appreciation for ASL as a legitimate language through the study of the history of ASL, the nature and causes of deafness and exposure to the local deaf community. Students should be prepared to spend the majority of the classroom time in silence and to receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 9, 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1601V

American Sign Language 2 A
Course Code: 1611V
The student will improve fluency in finger spelling, signing skills, expressive skills, and broaden knowledge of the Deaf experience. Students will explore the role of sign language interpreters. Students should be prepared to spend the majority of the classroom time in silence and receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  Credits: 0.5
PreReq: 1601V, 1602V  CoReq: 1612V

American Sign Language 2 B
Course Code: 1612V
The student will improve fluency in finger spelling, signing skills, expressive skills, and broaden knowledge of the Deaf experience. Students will explore the role of sign language interpreters. Students should be prepared to spend the majority of the classroom time in silence and receive instruction primarily through a visual/gestural mode. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 10, 11, 12  Credits: 0.5
PreReq: 1601V, 1602V  CoReq: 1611V

American Sign Language 3 A
Course Code: 1621V
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on narration, sharing facts, explaining rules. Students are required to interpret a variety of education and legal simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1622V

American Sign Language 3 B
Course Code: 1622V
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on narration, sharing facts, explaining rules. Students are required to interpret a variety of education and legal simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1621V

American Sign Language 4 A
Course Code: 1631V
This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on talking about money, major decisions, and health conditions. Students are required to interpret a variety of occupational and medical simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 12  Credits: 0.5
PreReq: N/A  CoReq: 1632V
American Sign Language 4 B

Course Code: 1632V

This course is a higher intermediate level class dealing with more complex language. Community projects are a focus to help students acquire a practical working knowledge of ASL. Students will be expected to develop their second language to a conversational level through class participation, and continued participation in activities with the Deaf community. Students will focus on talking about money, major decisions, and health conditions. Students are required to interpret a variety of occupational and medical simulations. This course is a 2-for-1 course that meets two graduation requirements, World Language and CTE (although students only earn credit in one area).

Grades: 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1631V

IB French 4 A

Course Code: 1701

This course is a higher level class addressing increasing complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1702

IB French 4 B

Course Code: 1702

This course is a higher level class addressing increasing complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1701

IB French 5 A

Course Code: 1711

This course is a continuation of the development skills achieved in Level 4. IB candidates may test in the spring.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1712

IB French 5 B

Course Code: 1712

This course is a continuation of the development skills achieved in Level 4. IB candidates may test in the spring.

Grades: 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1711

IB German 3 A

Course Code: 1721

The student will continue to develop communication skills in German at a more advanced level. No English is spoken in this class. Short Stories, poems, and plays will be read, discussed, and analyzed, and a complete review of German grammar is offered. Historical and cultural information is also presented through film, readings and activities.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1722

IB German 3 B

Course Code: 1722

The student will continue to develop communication skills in German at a more advanced level. No English is spoken in this class. Short Stories, poems, and plays will be read, discussed, and analyzed, and a complete review of German grammar is offered. Historical and cultural information is also presented through film, readings and activities.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1721

IB German 4 A

Course Code: 1731

This course is a higher level class addressing increasing complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

Grades: 10, 11, 12  
Credits: 0.5  
PreReq: N/A  
CoReq: 1732
IB German 4 B
Course Code: 1732
This course is a higher level class addressing increasing complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1731

IB German 5 A
Course Code: 1736
This course is a continuation of the development skills achieved in Level 4. IB candidates may test in the spring.

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1737

IB German 5 B
Course Code: 1737
This course is a continuation of the development skills achieved in Level 4. IB candidates may test in the spring.

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1736

IB Spanish 4 A
Course Code: 1741
This course is a higher level class addressing increasing complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1742

IB Spanish 4 B
Course Code: 1742
This course is a higher level class addressing increasing complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. This advanced course includes reading unabridged literature, refining skills in grammatical structure, expanding vocabulary and idiomatic usage, writing themes and participating in both prepared and spontaneous conversations. IB candidates may test at the end of IB Level 4 course although it is recommended students complete Level 5 prior to the IB Language B exam.

Grades: 10, 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1741

IB Spanish 5 A
Course Code: 1751
This course is a continuation of the development skills achieved in Level 4. IB candidates may test in the spring.

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1752

IB Spanish 5 B
Course Code: 1752
This course is a continuation of the development skills achieved in Level 4. IB candidates may test in the spring.

Grades: 11, 12  Credits: 0.5
PreReq: N/A  CoReq: 1751
The Cascadia Technical Academy serves students in 9 local school districts including the Vancouver School District. Junior and senior students are eligible to apply for one of 15 half-day programs (AM or PM). These career and technical education programs require students to apply and the half-day courses run for the full school year. All courses are full-year, 3-hour block courses and meet Monday through Friday unless otherwise noted. Session I courses meet from 7:45 – 10:15 AM and Session II courses meet from 11:15 AM – 1:45 PM.

The Vancouver School District provides transportation for students who are expected to ride the bus if they are accepted into any one of the following Cascadia Technical Academy programs except Fire Science, where students are expected to provide their own transportation.

| Courses                       | Year       | Open to Grade(s) | Offered | *times may vary |
|-------------------------------|------------|------------------|---------|-----------------
| Applied Medical Sciences      | 1st Year   | 11, 12           |         | Sessions I and II |
|                               | 2nd Year   | 12               |         | Session I       |
| Automotive Technology         | 1st Year   | 11, 12           |         | Sessions I and II |
|                               | 2nd Year   | 12               |         | Session II      |
| Aviation Technology           | 1st Year   | 11, 12           |         | Sessions I and II |
|                               | 2nd Year   | 12               |         | Sessions I and II |
| Business Principles           | 1st Year   | 11, 12           |         | Sessions I and II |
| Construction Technology       | 1st Year   | 11, 12           |         | Sessions I and II |
|                               | 2nd Year   | 12               |         | Session I       |
| Cosmetology                   | 1st Year   | 11, 12           |         | Sessions I and II |
| Cosmetology II - Option 1     | 2nd Year   | 12               |         | Session II      |
| Note: 2nd year students choose from two optional time frames. Option chosen will effect number of hours acquired towards licensure. |
| Cosmetology II - Option 2     | 2nd Year   | 12               | 11:15 a.m. - 5 p.m. M-Th |
| Note: 2nd year students choose from two optional time frames. Option chosen will effect number of hours acquired towards licensure. |
|                               |            |                  | 11:15 a.m. - 1:45 p.m. F |
| Criminal Justice              | 1st Year   | 11, 12           |         | Sessions I and II |
|                               | 2nd Year   | 12               |         | Sessions I and II |
| Culinary, Baking and Pastry Arts | 1st Year | 11, 12           |         | Sessions I and II |
|                               | 2nd Year   | 12               |         | Sessions I and II |
# Cascadia Tech Academy

<table>
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<tr>
<th>Courses</th>
<th>Year</th>
<th>Open to Grade(s)</th>
<th>Offered</th>
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<td>Dental</td>
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<td>Sessions I and II</td>
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<td>Diesel Technology</td>
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<td>11, 12</td>
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<td>Fashion Design</td>
<td>1st Year</td>
<td>11, 12</td>
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<td>1st Year</td>
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<td>Session II</td>
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<td>Hospitality and Tourism</td>
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<td>Sessions I and II</td>
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## Application Process

All sophomores are offered the opportunity to learn about Cascadia Technical Academy through presentations. To learn more about the Cascadia Technical Academy, see the College and Career Specialist in your high school or visit the web site at [http://www.cascadiatech.org](http://www.cascadiatech.org).
What is CTE College Articulation?

CTE College Articulation programs put high school students on the pathway to earning a degree from a community college by allowing them to complete selected Career & Technical Education (CTE) classes while still in high school. It is a partnership between Community Colleges and participating high schools allowing students to simultaneously earn high school and college credits in courses that have been approved through a formal articulation agreement.

Career Specialists at each high school work with CTE teachers to assist students in completing the registration process and potentially earn college credit while taking high school courses.

Why take CTE College Articulation classes?

- Students get a “jump start” on their college education and career plans
- Students save time and money by fulfilling degree requirements while still in high school.
- Students are able to bypass entry-level college courses when they register at a community college.
- College articulation credits are guaranteed at the college for which the articulation agreement is approved and may be used at another community college or university, dependent on their admission criteria. Or, you may enter the military at a higher rank.

How Can I Get College Credit Now?

- Enroll in a CTE College Articulation course at your high school. Earn a minimum grade (varies from college to college). Some courses require additional tests or have portfolio requirements.
- Work with your teacher or Career Specialist to register for the college credit.

<table>
<thead>
<tr>
<th>Course Name, VPS Course Code</th>
<th>CRHS</th>
<th>FVHS</th>
<th>HBHS</th>
<th>SHS</th>
<th>VFA</th>
<th>VVL A</th>
<th>VHC</th>
<th>iTech</th>
<th>VSAA</th>
<th>College</th>
<th>Credits</th>
<th>Savings</th>
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<td>Medical Terminology and Practice - 6281/6282</td>
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<td>GRADS - 4431/4432</td>
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<td>Career Choices - 5101/5102, 5101w/5102w</td>
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## Appendix A – What is CTE College Articulation?

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<th>Course Name, VPS Course Code</th>
<th>CRHS</th>
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<th>SHS</th>
<th>VFA</th>
<th>VVL</th>
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<th>Savings</th>
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<td>Moving Image Arts - 11261/11262</td>
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<td>Careers in Education - 4481/4482</td>
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<td>Modeling Our World w/ Mathematics - 3725/3726</td>
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<td>Culinary Arts - 47211/47212</td>
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<td>AP Computer Science A - 4233/4234</td>
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<td></td>
<td>X</td>
<td>CC</td>
<td>5</td>
<td>$591.05</td>
</tr>
</tbody>
</table>

CCC = Clackamas Community College; CC = Clark College; MHCC = Mt. Hood Community College; LCC = Lower Columbia College

For more information about the CTE College Articulation, visit the following web sites:

- **Clark College:**
  [http://www.clark.edu/academics/partnerships/highschool_partnerships.php](http://www.clark.edu/academics/partnerships/highschool_partnerships.php)

- **Clackamas Community College:**
  [https://www.clackamas.edu/academics/academic-offerings/high-school-connections](https://www.clackamas.edu/academics/academic-offerings/high-school-connections)

- **Mt. Hood Community College:**
  [https://www.mhcc.edu/CNHighSchools/](https://www.mhcc.edu/CNHighSchools/)

- **Lower Columbia College:**
  [https://lowercolumbia.edu/career-connected-learning/index.php](https://lowercolumbia.edu/career-connected-learning/index.php)
What is Running Start?

Running Start (RS) allows high school juniors and seniors to challenge themselves academically by taking classes at Clark College as part of their high school program. Students receive both high school and college credits for successfully completed classes. At the end of each quarter, the student’s grades become part of the permanent high school transcript and permanent college transcript.

College level coursework is any class that is 100 level or higher and will count towards college credit. Pre-college level coursework is any class that is below 100 level, it does not count towards college credit, and it is not covered by Running Start funding and is the student’s responsibility.

<table>
<thead>
<tr>
<th>Credits at Clark College</th>
<th>Examples of College Classes</th>
<th>High School Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 college credits</td>
<td>English, Math, History, Psychology, etc.</td>
<td>1.0 HS Credit</td>
</tr>
<tr>
<td>4 college credits</td>
<td>Some Art, Chemistry, Music, etc.</td>
<td>0.8 HS Credit</td>
</tr>
<tr>
<td>3 college credits</td>
<td>Health and PE, Biology, Economics, Women Studies, etc.</td>
<td>0.6 HS Credit</td>
</tr>
<tr>
<td>2 college credits</td>
<td>Some PE and Human Development classes</td>
<td>0.4 HS Credit</td>
</tr>
<tr>
<td>1 college credit</td>
<td>Some PE classes</td>
<td>0.2 HS Credit</td>
</tr>
</tbody>
</table>

- Eligible students may attend day, evening, or online classes. Students may be enrolled part-time or full-time. Part-time students must also attend some classes at the high school.
- Running Start is not 100% free. Running Start students pay for books, transportation, and some miscellaneous class fees (e.g., per credit hour, activity fees).
- Many fees can be waived for low-income Running Start students. A student shall be considered low-income and eligible for a fee waiver upon submitting proof to the Running Start office that the student is currently qualified to receive free or reduced-price lunch at their high school, or has been deemed eligible for free or reduced-price lunches in the last five years.
- State four-year institutions recognize community/technical college credits. Some in-state private colleges and out-of-state universities do not recognize college credit taken during high school. Running Start students are advised to check with the four-year college they plan to attend to be sure their credits will be accepted.
- The high school will not issue attendance, progress, or grade reports for classes taken at Clark College. The college communicates with students (not parents/guardians).

Steps to Enrollment (January-February of Sophomore or Junior year):

- Decide if Running Start fits with your High School and Beyond Plan
- Attend a Running Start Information Night at Clark College
- Apply for and pay for admission ($25 Non-Refundable Application Fee)
- Activate ctcLink account
- Place into Clark classes (see below)
- Attend a Clark College Orientation
- Meet with your high school counselor
- Submit an enrollment verification form
- Pay fees and/or tuition
Appendix B – Running Start Program Guidelines

English Placement Options

1. High School cumulative GPA:
   Current sophomores and juniors can self-place into English by submitting their current cumulative GPA to enroll@clark.edu with their name and ctcLink ID.

<table>
<thead>
<tr>
<th>GPA of 2.90 or higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>You qualify for college level English 101</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GPA of 2.4 - 2.89</th>
</tr>
</thead>
<tbody>
<tr>
<td>You qualify for college level English 101 +099, but additional tuition will apply. (English 099 is a 1-credit course not covered by Running Start.)</td>
</tr>
</tbody>
</table>

2. Smarter Balanced Testing (SBAC) taken at your high school – English (ELA) Test
   If you score level 3 or 4 on the SBAC ELA Test, you will qualify for college level English and the Running Start Program.

3. Additional college level English Placement Options:
   • Advanced Placement – AP Test Score of 3 or higher on the English exam
   • ACT – English and Reading Placement scores (19 in both English and Reading)
   • SAT – “Evidenced Based Reading and Writing” Scores (510 in “Evidenced Based Reading and Writing”)
   • ACCUPLACER Reading and Writing - If you cannot use the options listed above for college level English placement and/or you are homeschooled, you may take the ACCUPLACER Reading and Writing placement tests.

Math Placement Options

1. Smarter Balanced Math (SBAC Testing) and completion of high school Algebra 2 OR Pre-Calculus.

   Math Readiness based on SBAC Scores and High School Transcript:
   **Option 1:** SBAC Math Test score Level 3 or 4 with high school completion of Algebra 2 (grade “B” or better) qualifies student for placement into MATH 107 and MATH 146.
   **Option 2:** SBAC Math Test score Level 3 or 4 with high school completion of Pre-Calculus (grade “B” or better) qualifies students for placement into MATH 102, 103, 104, 105, 107, 110 111, 122, and 146.

   **Note:** Students who want to place higher in Math may take the ALEKS test.

2. ALEKS Math Placement
   Students without other math placement may take the ALEKS math placement test. A minimum score of 36 will qualify you for college-level courses and the Running Start Program.

3. Advanced Placement Scores – AP Calculus Exam
   If you are currently in an Advanced Placement course at your high school, you may use AP Test Scores to qualify. If you score a 3 on the Calculus AB or Calculus BC exam, you will qualify for college level Math and the Running Start Program.
Running Start Student Responsibilities

- Enroll in courses approved by the high school counselor to ensure graduation requirements are going to be met in conjunction with any college coursework.
- If part time, Running Start classes must be scheduled to NOT overlap high school classes.
- Return to the high school for state testing, if not completed prior to attending RS.
- Maintain full-time enrollment. Remember if you are a full-time Clark College student you will need to check the website for pertinent graduation information that you will be missing at the high school.
- Meet the registration dates and deadline(s) for district and college course registration.
- Pay a $25 Non-Refundable Application Fee.
- Athletes must contact their high school Athletic Coordinator regarding eligibility for sports.
- Work with Clark College advisors for academic pathways to degrees and programs.

Additional Information

- You can participate in Running Start for three quarters as a Junior and three quarters as a Senior. A junior is defined as any student who has completed four (4) semesters of high school, and at least 10 high school credits.
- Running Start students must be enrolled in a participating school district, receive prior confirmation of credit transferability from the district, and be accepted by the community college or vocational college within normal admission standards.
- In accordance with RCW 28B.50.535, student who earn an AA through Running Start may also earn a high school diploma from the college. Students and parents interested in this option must meet with a high school counselor to sign a district diploma waiver.
- Being a Running Start student requires planning ahead. Many of the “Acceptable Equivalent Courses: are offered only one quarter per year. Make sure to plan not only for fall quarter, but winter and spring in accordance with your High School and Beyond Plan.
- Without prior-approval, course work taken that is not listed on the equivalency chart will be transcribed as elective credit.

For more information, go to www.clark.edu/runningstart or call the Running Start Office at (360) 992-2366
The Vancouver Public Schools only guarantees to accept the following courses as equivalent courses to meet English, social studies, math and science graduation requirements. All other Running Start course work will be applied to elective credits unless prior approval is obtained from your school counselor.

<table>
<thead>
<tr>
<th>Content Area</th>
<th>High School Graduation Requirement</th>
<th>Clark College Equivalent</th>
<th>Course Selections</th>
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<tbody>
<tr>
<td>English</td>
<td>Junior and Senior English</td>
<td>ENGL&amp;101 - English Composition I</td>
<td>TWO WRITING COURSES*</td>
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<td>ENGL&amp;102 - English Composition II</td>
<td>Students are required to take at least two Writing courses to meet high school English requirements through Running Start</td>
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<td>ENGL 105 - English Grammar</td>
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<td>ENGL&amp;235 - Technical Writing</td>
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<td>ENGL 103 - Advanced English Composition</td>
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<td>ENGL 108 - Writing About Film</td>
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<td>ENGL 110 - Composition for Literature</td>
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<td>ENGL&amp;113 - Intro to Poetry</td>
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<td>ENGL&amp;114 - Intro to Dramatic Lit</td>
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<td>ENGL 121 - Introduction to Creative Writing</td>
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<td>ENGL 125 - Fiction Writing</td>
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<td>ENGL 126 - Poetry Writing</td>
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<td>ENGL 127 - Creative Non-fiction Writing</td>
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<td>ENGL 128 - Graphic Fiction Writing</td>
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<td>ENGL 133 - Intro to Short Fiction</td>
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<td>ENGL143 - Sci Fi and Fantasy</td>
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<td>ENGL 145 - Detective Fiction</td>
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<td>ENGL 150 - Intro to Mythology</td>
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<td>ENGL 156 - Introduction to the Novel</td>
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<td>ENGL 160 - Writing for the Web</td>
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<td>ENGL 173 - Pop Culture</td>
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<td>ENGL 175 - LGBTQ Studies</td>
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<td>ENGL&amp;226, 227, 228 - British Literature</td>
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<td>ENGL 146 147, or 148 - United States History</td>
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<td>AND</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>HIST 146, 147, or 148 (If not already taken)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 255 - American Diplomatic History</td>
<td></td>
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<td></td>
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<td>HIST 275 - African-American History</td>
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<td>HIST &amp; 215 - Women In U.S. History</td>
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<td></td>
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<td>HIST &amp; 219 - Native American History</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>SOC 131 - Race And Ethnicity In The U.S.</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>WS 225 - Racism &amp; White Privilege In The U.S.</td>
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<tr>
<td>Social Studies</td>
<td>U.S. History 1</td>
<td>HIST 146 147, or 148</td>
<td>AT LEAST ONE OF THE FOLLOWING:</td>
</tr>
<tr>
<td></td>
<td>U.S. History 2</td>
<td>AND</td>
<td>HIST 146 147, or 148</td>
</tr>
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<td></td>
<td></td>
<td>AND</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>One additional course which could be HIST 146 147, or 148 (if not already taken)</td>
</tr>
</tbody>
</table>
## Appendix C - Running Start High School Credit Equivalency

<table>
<thead>
<tr>
<th>Content Area</th>
<th>High School Graduation Requirement</th>
<th>Clark College Equivalent</th>
<th>Course Selections</th>
</tr>
</thead>
</table>
| Social Studies (continued)          | Contemporary World Issues (CWI) (Economics) | ECON101 - Intro to Economics  
ECON110 - Intro to Global Economics  
ECON201 - Microeconomics  
ECON202 - Macroeconomics  
GEOG207 - Econ Geography  
BUS105 - Intro to International Business  
POLS& 203 - International Relations  
POLS 220, 221, 222, or 224 - Geopolitics of  
POLS 231 - Environmental Politics  
WS 201 - Women Across Cultures | Choose one course from Economics and one course from Civics |
| High School and Beyond Plan (HSBP)  | High School & Beyond Plan - Completed via High School Career Center in fall of 12th grade. | | |
| Math                                | Any 100+ math class may count for 3rd or 4th year of math based on the student's interests and the High School and Beyond Plan. For direct admission to 4 year universities in Washington: Students who have not completed a minimum of pre-calculus by end of junior year must earn a credit in a math or math-based quantitative course their senior year. | | |

### Other Subject Area Requirements

Students who have not yet satisfied the following requirement areas can complete them at Clark through the coursework listed below. Students must make sure the total remaining high school credit value is met. See counselor for alternate course approval if needed.

| Career and Technical Education (CTE) | Courses coded: ACCT&201 – Principles of Accounting I  
BIOL140 – Pacific NW Mammals  
BMED110 – Medical Terminology  
BMED138 – Legal Aspects Med Off  
BTEC149 – Comp. App Essentials  
BTEC169 – Excel  
BUS101 – Intro to Business  
BUS105 – International Business  
CADD102 – CADD Careers  
CADD140 – Basic Autocad  
CADD160 – Intro to CAM  
CGT101 – Photoshop Graphic  
CSE121 – Intro to C | CTEC100 – Intro to Computing  
CTEC101 – Computing Essentials  
CTEC105 – Intro to Internet  
CTEC110 – Command Line Essentials  
CTEC122 – HTML Fundamentals  
CTEC205 – Intro to MIS  
CTEC213 – Comptia A+  
ECON101 – Intro to Economics  
MACH133 – Vertical Milling  
MGMT103 – Applied Management  
NUTR103 – General Nutrition  
PTWR 135 – Intro Appl Tech Writing  
PSYC200 – Lifespan Psychology | |
| Fine Art (1 credit can be PPR)       | Courses coded: ART, DRMA, MUSC, or MUSCA | | |
| Health                              | Courses coded: HLT (3+ credits) or HPE (partially fulfills PE and/or Health) | | |
| PE                                  | Courses coded: PE, PEDNC, PEMAR, or HPE (partially fulfills PE and/or Health) | | |
| Science                             | Courses coded: ASTR, *BIOL, CHEM, CSE, ENVS, GEOL, METR, PHSC, and PHYS  
*except BIOL180 (100+) | | |
| World Language (or PPR)             | HIST 251 - Women in World History I  
HIST 252 - Women in World History II  
HIST& 126 - World Civilizations I  
HIST& 127 - World Civilizations II  
HIST& 128 - World Civilizations III | | |
| Washington State History            | HIST& 214 | | |
## Appendix D - Pathways to Graduation

In addition to course credit requirements, students must meet the requirements for one of eight **PATHWAYS** below.

### 1. Statewide Assessment Scores in **ELA & Math**

Achieve the graduation cut score on the on-grade level Smarter Balanced Assessment for **ELA** (2548) and/or **Math** (2595). The first and most common pathway to graduation is to meet the graduation cut score on Smarter Balanced ELA and Math. All students will take this test in 10th grade and have the option to retake it in spring of 11th and 12th grade. (Designated IEP students may use WA-AIM scores.)

### 2. Advanced Placement Exams

Score a 3 or higher on one of the following AP/IB Exams:
- **English Language Arts:** English Language and Composition, English Literature and Composition, Macroeconomics, Microeconomics, Psychology, US History, World History, US Government and Politics, or Comparative Government and Politics
- **Mathematics:** Statistics, Computer Science, Computer Science Principles, or Calculus

### 3. College Admission Exam scores for **ELA and/or Math (SAT/ACT)**

Exam scores from the SAT, SAT with Essay, ACT, or ACT with Writing may be used, as applicable. Minimum scores are:

<table>
<thead>
<tr>
<th></th>
<th>SAT with Essay</th>
<th>SAT</th>
<th>ACT with Writing</th>
<th>ACT</th>
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</thead>
<tbody>
<tr>
<td>Math</td>
<td>430</td>
<td>430</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>ELA</td>
<td>410</td>
<td>N/A</td>
<td>14</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### 4. Dual Credit Courses

For AP/IB classes, students must earn a C+ or higher and do not need to take or pass the AP exam. Students can meet their graduation pathway requirement by completing a designated CTE course sequence connected to the High School and Beyond Plan. A sequence is two or more high school credits of CTE courses that are technically intensive and rigorous.

### 5. Transition Courses

Pass a Bridge-to-College course in ELA and/or Math, earning at least 1.0 credits per subject throughout the duration of an entire school year.

### 6. Combination

Students can meet their graduation pathway requirement with any combination of at least one ELA and at least one math pathway from options 1-5.

### 7. Armed Services Vocational Aptitude Battery (ASVAB)

Students whose high school and beyond plan include enlisting in the military can meet pathway requirements by earning at least the minimum score on the Armed Forces Qualification Test (AFQT) portion of the ASVAB. The current score students must meet is 31.

### 8. Career Technical Education Course Sequence

Students can meet a pathway requirement by completing a designated CTE course sequence connected to the High School and Beyond Plan. A sequence is two or more high school credits of CTE courses that are technically intensive and rigorous.

### Additional Options

(Available for a limited time)
- **IEP Options**
  - CIA-Cut score for SBA ELA/Math
  - Off-Grade level tests in ELA/Math
  - LDA in ELA/Math
- **Expedited Appeal**
  - (available through class of 2020)
  - Admission to higher education institution or career preparation program is the most common reason.
- **GPA Comparison and Collection of Evidence**
  - (available through class of 2020 to students that met this option in 2018-2019 or earlier)
Appendix E - Credit Recovery Options

Contact any Vancouver School District high school counselor for additional information on the following Credit Recovery and Alternative Learning options.

Vancouver School District Credit Recovery opportunities:

• **Computer-based curriculum** which allows students the opportunity to complete coursework from previously failed classes and receive a passing grade and credit. Students may complete as many courses as time permits during the semester. Contact the counselor for registration.

• **Limited Electives and Summer School**: Computer-based curriculum for credit recovery in English, math, social studies and science. Physical education credit will also be available. Morning, afternoon and evening sessions may be available, and students may register for multiple sessions. Applications and information about exact dates will be available from school counselors in the spring of the year.

Additional Credit Recovery options available through:

• **Correspondence Classes**: Independent study at home, either through the mail or on-line from Brigham Young University or Portland State University with prior approval. See your high school counseling center for more information. Costs generally range from $100 to $150 per 0.5 credit, plus books.

• **Clark College Classes**: Student must pay own tuition. Additional information available from any high school counselor.

• **Cascadia Tech Academy Summer School**: No Cost! Students can earn 0.5 miscellaneous credits or 0.5 Health. Contact Cascadia Tech Academy at 604-1050, or ANY Vancouver School District high school career center for information.

• **Credit for Higher Level Course Success**: Students who earn a C or higher in a higher-level course may recover credit lost in some lower level courses. See your counselor for additional information.
## Appendix F – District Approved Equivalency Credits

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<tr>
<th>VPS CTE Course</th>
<th>CTE or Core Credit</th>
<th>Equivalency Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Engineering</td>
<td>0.5 / 0.5 / 1</td>
<td>Art/Science/Math (3rd)</td>
</tr>
<tr>
<td>Acappella Choir</td>
<td>1</td>
<td>CTE</td>
</tr>
<tr>
<td>Advanced Orchestra</td>
<td>1</td>
<td>CTE</td>
</tr>
<tr>
<td>Wind Ensemble</td>
<td>1</td>
<td>CTE</td>
</tr>
<tr>
<td>Health Wellness</td>
<td>0.5</td>
<td>CTE / Health</td>
</tr>
<tr>
<td>Our Voices: Social Action</td>
<td>1</td>
<td>Art / English</td>
</tr>
<tr>
<td>Planting the Seeds</td>
<td>1</td>
<td>Science / English</td>
</tr>
<tr>
<td>Careers in Education</td>
<td>1</td>
<td>English (Senior)</td>
</tr>
<tr>
<td>Business and Entrepreneurship</td>
<td>1</td>
<td>English (Senior)</td>
</tr>
<tr>
<td>Health Sciences and Careers</td>
<td>0.5</td>
<td>Health</td>
</tr>
<tr>
<td>AP Computer Science A</td>
<td>1 / 1</td>
<td>Math / Science</td>
</tr>
<tr>
<td>AP Computer Science Principles</td>
<td>1 / 1</td>
<td>Math / Science</td>
</tr>
<tr>
<td>Applied Algebra</td>
<td>1</td>
<td>Algebra</td>
</tr>
<tr>
<td>Building Construction II</td>
<td>1</td>
<td>Geometry</td>
</tr>
<tr>
<td>Digital Electronics</td>
<td>0.5 / 0.5</td>
<td>Math / Science</td>
</tr>
<tr>
<td>Core Plus Welding</td>
<td>1</td>
<td>Math (3rd)</td>
</tr>
<tr>
<td>Financial Algebra</td>
<td>1</td>
<td>Math</td>
</tr>
<tr>
<td>IB Computer Science*</td>
<td>1 / 1</td>
<td>Math / Science</td>
</tr>
<tr>
<td>IB Computer Science 2</td>
<td>1 / 1</td>
<td>Math / Science</td>
</tr>
<tr>
<td>Intro to Engineering Design</td>
<td>0.5 / 0.5</td>
<td>Math / Art</td>
</tr>
<tr>
<td>Athletic Medicine</td>
<td>0.5</td>
<td>PE</td>
</tr>
<tr>
<td>Food and Fitness</td>
<td>0.5 / 1</td>
<td>PE</td>
</tr>
<tr>
<td>Advanced Horticulture</td>
<td>1</td>
<td>Science</td>
</tr>
<tr>
<td>Advanced Horticulture (2 period block)</td>
<td>2</td>
<td>Science</td>
</tr>
<tr>
<td>Advanced Natural Resources and Conservation</td>
<td>1</td>
<td>Science</td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>1</td>
<td>Science</td>
</tr>
<tr>
<td>Culinary Arts</td>
<td>1</td>
<td>Science</td>
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<tr>
<td>Environmental Sustainability</td>
<td>1</td>
<td>Science</td>
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<tr>
<td>Horticulture Science</td>
<td>1</td>
<td>Biology</td>
</tr>
<tr>
<td>Natural Resources and Conservation</td>
<td>1</td>
<td>Science</td>
</tr>
<tr>
<td>AP Economics*</td>
<td>1</td>
<td>Social Studies</td>
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<tr>
<td>Advanced Design Technology</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>Advanced Graphic Design</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>Advanced Video Production</td>
<td>1</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>Advanced Video Production (2 per block)</td>
<td>2</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>AP Studio Art 2D Graphic Design</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>AP Studio Art 2D Photo</td>
<td>1</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>1</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>IB Visual Art (Film)</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>iTech Digital Photo STEM</td>
<td>0.5 / 1</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>iTech Pre Engineering Design Technology</td>
<td>1</td>
<td>Visual Arts</td>
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</tbody>
</table>

### Equivalency and 2-for-1 Credit

The law allows students to meet two graduation requirements by taking Career and Technical Education (CTE) courses that have been approved for the equivalency credit by the district.

Equivalency and 2-for-1 credit is defined as credit earned in a course in one subject area that satisfies academic requirements in two subject areas.
## Appendix F – District Approved Equivalency Credits

### Equivalency and 2-for-1 Credit

The law allows students to meet two graduation requirements by taking Career and Technical Education (CTE) courses that have been approved for the equivalency credit by the district.

Equivalency and 2-for-1 credit is defined as credit earned in a course in one subject area that satisfies academic requirements in two subject areas.

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<thead>
<tr>
<th>VPS CTE Course</th>
<th>CTE or Core Credit</th>
<th>Equivalency Subjects</th>
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<tbody>
<tr>
<td>iTech Visual Media Publications</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>MIA Focus</td>
<td>1</td>
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<tr>
<td>MIA Narrative 1</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>MIA Narrative 2</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>Movie Making</td>
<td>1</td>
<td>Visual Arts</td>
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<tr>
<td>Multimedia Exploration</td>
<td>0.5</td>
<td>Visual Arts</td>
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<tr>
<td>Photography I</td>
<td>0.5</td>
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<tr>
<td>Photography II</td>
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</tr>
<tr>
<td>Photography III</td>
<td>0.5 / 1</td>
<td>Visual Arts</td>
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<tr>
<td>Recording Arts and Sound Technology</td>
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<td>Visual Arts</td>
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<tr>
<td>Special Art</td>
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<td>Visual Arts</td>
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<tr>
<td>Technical Theatre</td>
<td>1</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>Video Production</td>
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<td>Visual Arts</td>
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<td>Visual Arts &amp; Design II</td>
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<td>Yearbook</td>
<td>0.5</td>
<td>Visual Arts</td>
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<tr>
<td>American Sign Language 1, 2, 3, 4</td>
<td>0.5 / 1</td>
<td>World Language</td>
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<td>Translation and Interpretation</td>
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<td>World Language</td>
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### CTE Course at Cascadia Tech

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<th>CTE Course at Cascadia Tech</th>
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<tbody>
<tr>
<td>Cascadia Applied Medical Science* (yr 1)</td>
<td>0.5 / 1 / 0.5</td>
<td>English (Junior) / Health / Lab Science</td>
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<tr>
<td>Cascadia Automotive Tech* (yr 1 / yr 2)</td>
<td>1 / 0.5</td>
<td>Science / Math</td>
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<tr>
<td>Cascadia Aviation Tech* (yr 1 / yr 2)</td>
<td>1 / 1</td>
<td>Math (3rd) / Lab Science</td>
</tr>
<tr>
<td>Cascadia Business Principles (yr 1)</td>
<td>1</td>
<td>English (Junior)</td>
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<tr>
<td>Cascadia Construction Tech* (yr 1 / yr 2)</td>
<td>1</td>
<td>3rd Year Math</td>
</tr>
<tr>
<td>Cascadia Cosmetology* (yr 1 / yr 2)</td>
<td>0.5 / 0.5</td>
<td>Health / Lab Science</td>
</tr>
<tr>
<td>Cascadia Criminal Justice* (yr 1)</td>
<td>1 / 0.5</td>
<td>US History / PE</td>
</tr>
<tr>
<td>Cascadia Criminal Justice* (yr 2)</td>
<td>1 / 0.5</td>
<td>CWP / PE</td>
</tr>
<tr>
<td>Cascadia Culinary* (yr 1 / yr 2)</td>
<td>0.5</td>
<td>Health</td>
</tr>
<tr>
<td>Cascadia Dental* (yr 1)</td>
<td>1 / 1</td>
<td>Health / Lab Science</td>
</tr>
<tr>
<td>Cascadia Diesel Tech* (yr 1 / yr 2)</td>
<td>1 / 0.5</td>
<td>Lab Science / Math (3rd)</td>
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<tr>
<td>Cascadia Fashion Merchandizing and Retail Management* (yr 1 / yr 2)</td>
<td>1</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>Cascadia Fire Science* (yr 1 / yr 2)</td>
<td>0.5 / 0.5</td>
<td>Lab Science / PE</td>
</tr>
<tr>
<td>Cascadia Health Careers (summer only)*</td>
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<td>Health</td>
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<tr>
<td>Cascadia Hospitality and Tourism (yr 1 / yr 2)</td>
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<td>English (Junior)</td>
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<tr>
<td>Cascadia ITS3* (yr 1)</td>
<td>1 / 0.5</td>
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<td>Cascadia ITS3* (yr 2)</td>
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<td>n/a / Lab Science</td>
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<tr>
<td>Cascadia Pre Engineering Design and Technology* (yr 1)</td>
<td>1 / 0.5 / 0.5</td>
<td>Math (3rd) / Visual Arts / Lab Science</td>
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<tr>
<td>Cascadia Pre Engineering Design and Technology* (yr 2)</td>
<td>0.5 / 0.5</td>
<td>Visual Arts / Lab Science</td>
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<td>German 2 A</td>
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