Vancouver Flex Academy
At Lewis & Clark High School

Course Descriptions
2017-2018
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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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Notice of Nondiscriminatory Policy
The Vancouver School District is an Equal Opportunity district in education programs, activities, services, and employment. 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. We provide equal access to the Boy Scouts of America and other designated youth groups. We also comply with Section 504 of the Rehabilitation Act of 1973, Title IV of the Americans with Disabilities Act of 1990, the Civil Rights Act of 1964, the Age Discrimination in Employment Act, Older Worker Protection Act, and all other state, federal, and local equal opportunity laws.

If you have a physical or mental disability that causes you to need assistance to access school facilities, programs, or services, please notify the school principal. This district endeavors to maintain an atmosphere free from discrimination and harassment. Any person who believes he or she has been discriminated against should contact the school principal and complete the appropriate grievance or complaint form.

You may also contact any of the following people by writing to them at Vancouver School District, PO Box 8937, Vancouver, Washington 98668-8937 or by calling 360-313-1000: ADA and Affirmative Action – Kathy Everidge; Title VII, 504 and IDEA – Laura Bergeron; Title IX Elementary, Debra Hale; Title IX Secondary, Chris Olsen; Athletic Equity, Albert Alcantar.
Dear student and family members,

We believe public education should meet the needs of all students, preparing them for success in college, careers, and life. That’s why we offer many choices for learning in Vancouver Public Schools. We want students to explore their interests, develop their talents, and find their passion.

STEM (science, technology, engineering, and math) magnet programs are offered at Skyview High School and Vancouver iTech Preparatory. The iTech Prep program serves students in grades 6–12. The middle school is located at the Jim Parsley Education, Family and Community Center, and the high school is located in the Clark College Building at the Washington State University Vancouver campus.

At Vancouver School of Arts and Academics, students in grades 6-12 explore various forms of art, from music and dance to theatre and moving image arts. Students study core academic subjects in an integrated way, based on an annual theme.

The Center for International Studies is a school-wide magnet for students in ninth through 12th grades at Fort Vancouver High School. Students in the program study local, regional and global issues and have access to expanded language offerings.

Career and technical education (CTE) programs provide hands-on, real-world applications to learning. The Bay ACES Magnet at Hudson's Bay High School covers architecture, construction, and environmental sciences. Fort Vancouver High School hosts Medical Arts, Culinary Arts, and Welding/Fabrication Technology magnets. Other programs include early childhood education, horticulture, and video production. Cascadia Tech Academy provides even more career choices for Vancouver students thanks to a partnership with Evergreen Public Schools.

Vancouver Flex Academy, a blended learning program, allows students to set their own schedules and complete their coursework online on school-issued personal laptops. The college-like scheduling suits independent learners and fosters time-management skills necessary for higher education.

Accelerated programs are offered at all high schools. Students can earn college credits and work toward college degrees while still in high school. We offer a College in the High School program, Running Start, and credits through Advanced Placement, International Baccalaureate, and some CTE classes.

International Baccalaureate (IB) is a rigorous academic program. Students can earn an IB diploma, which is recognized worldwide. The high school IB program is located at Columbia River High School, and a Middle Years IB program is offered at Discovery Middle School.

Our highly dedicated teachers, support staff, and mentors are available to answer questions and guide you. We want you to have the most successful learning experience possible, and we wish you a bright future.

Sincerely,

Steven T. Webb, Ed.D.
Superintendent
Dear Vancouver Flex Academy Students and Families:

My primary role as principal is that of the building instructional leader. Flex offers a unique opportunity for students to receive engaging and challenging instruction in a flexible learning environment. I’m very proud of the instruction our staff delivers to students in “face to face” classes and through our on-line curriculum.

At Flex Academy we strive to create a safe, secure and inclusive learning environment. Being a small school allows us to develop strong relationships in a family-like environment. All staff members are committed to ensuring that every student has access to academically challenging instruction, and that they receive the support they need to be successful students. Our goal is to work toward continuous improvement as a learning community. Students and staff set educational goals and use data to monitor progress. Goal-setting, reflection, self-determination and grit are key elements for academic success in a flexible learning environment.

Please take the time to review this curriculum guide. It contains information that will help families make informed decisions about students’ academic program at Vancouver Flex Academy and into the future.

If you have any questions regarding the contents of this handbook, please call. We’re looking forward to partnering with you; 2017-2018 is going to be an exciting and productive year at Flex!

Sincerely,

Steve Lindblom
Principal
All Washington public school students must meet these graduation requirements:

1. The minimum local school district graduation requirements
2. Assessments
   • High school English language arts (reading/writing) assessment (or state-approved alternative)
   • High school math end-of-course exit exam or Smarter Balanced math test (cut score) (Class of 2019 and beyond SBA math cut score)
   • Biology end-of-course exam (Next Generation Science Standard (NGSS) assessments, once developed, will be phased-in to replace the Biology EOC).
3. A High School and Beyond Plan

Minimum Vancouver School District Graduation Requirements:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Classes of 2015-2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4.0 Credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3.0 Credits*</td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
</tr>
<tr>
<td>Contemporary World Problems (CWP) and Civic Responsibilities</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>U.S. History</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>Social Studies (1.0 World Themes: Washington Perspectives)</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>Science (Lab)</td>
<td>2.0 Credits</td>
</tr>
<tr>
<td>Occupational Education</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1.5 Credits</td>
</tr>
<tr>
<td>Health-Wellness</td>
<td>0.5 Credit</td>
</tr>
<tr>
<td>Visual or Performing Arts (1 full year of the same type of art form)</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>Electives</td>
<td>6.5 Credits</td>
</tr>
<tr>
<td><strong>Total Credits Required to Graduate</strong></td>
<td><strong>22.5 Credits</strong></td>
</tr>
<tr>
<td><strong>Total Credits Possible</strong></td>
<td><strong>24.0 Credits</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject</th>
<th>Class of 2020 Career- &amp; College-Ready Graduation Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4.0 Credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3.0 Credits</td>
</tr>
<tr>
<td>Science</td>
<td>3.0 Credits (2 lab)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.0 Credits</td>
</tr>
<tr>
<td>Career and Technical Education¹</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>Health and Fitness</td>
<td>2.0 Credits</td>
</tr>
<tr>
<td>Arts</td>
<td>2.0 Credits (1 can be PPR)</td>
</tr>
<tr>
<td>General Electives</td>
<td>4.0 Credits</td>
</tr>
<tr>
<td>World Language (or) Personalized Pathway Requirement (PPR)</td>
<td>2.0 Credits (Both can be PPR)</td>
</tr>
<tr>
<td><strong>Total Credits Possible</strong></td>
<td><strong>24.0 Credits²</strong></td>
</tr>
</tbody>
</table>

*The 3 Math Credits consist of:

- Algebra, Geometry, and Algebra 2; or
- The third credit may also be completed through election of an alternative math credit that leads to a specific career goal identified in the High School and Beyond Plan. This option requires completion of the documentation for students choosing a third credit of math other than Algebra 2 including parent signature.

Personalized Pathway Requirement (PPR) are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student’s interests and High School and Beyond Plan, that may include Career and Technical Education, and are intended to provide a focus for the student’s learning.

¹ Or 1 Occupational Education credit, as defined in WAC 180-51-067.
² Up to 2 credits can be waived locally for students who have attempted 24 credits.
### Credit Requirements***

<table>
<thead>
<tr>
<th>Subject</th>
<th>HS Diploma</th>
<th>College*</th>
<th>8th</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Post-High School Plan (circle your plan)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual or Performing Art</td>
<td>1.0</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Four-year college or university (special entrance requirements)</td>
</tr>
<tr>
<td>English</td>
<td>4.0</td>
<td>4.0</td>
<td>English</td>
<td>English</td>
<td></td>
<td></td>
<td></td>
<td>Two-year college, transfer to four-year college (high school diploma required)</td>
</tr>
<tr>
<td>Math**</td>
<td>3.0</td>
<td>3.0</td>
<td>Math (Algebra)</td>
<td>Math (Geometry)</td>
<td>Math (Algebra 2)</td>
<td></td>
<td></td>
<td>Professional/Technical Training</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>World Themes/ WA State Perspectives</td>
<td>U.S. History</td>
<td>CWP</td>
<td>*A math class or math based science in the senior year is required for college entrance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.0</td>
<td>3.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Military</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Enlist (high school diploma required)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• ROTC (special entrance requirements)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Prep. School (special entrance requirements)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Academy (special entrance requirements)</td>
</tr>
<tr>
<td>Science</td>
<td>2.0</td>
<td>3.0</td>
<td>Environmental Science or Biology</td>
<td>Biology or Chemistry or Physics</td>
<td>*Third year of science recommended for college entrance</td>
<td>*A math class or math based science in the senior year is required for college entrance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Education</td>
<td>1.0</td>
<td>1.0</td>
<td>Next Tools</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Apprenticeship (high school diploma required)</td>
</tr>
<tr>
<td>P.E.</td>
<td>1.5</td>
<td>1.5</td>
<td>P.E.</td>
<td>P.E.</td>
<td></td>
<td></td>
<td></td>
<td>Work: On-the-Job Training (high school diploma required)</td>
</tr>
<tr>
<td>Health</td>
<td>0.5</td>
<td>0.5</td>
<td>Health (9th or 10th)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>6.5</td>
<td>3.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Language</td>
<td>0</td>
<td>2.0</td>
<td>*Required for college entrance</td>
<td>*Required for college entrance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>22.5</td>
<td>22.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**The 3 Math Credits consist of:**
- Algebra, Geometry, and Algebra 2 or (students will take three years of math even if they begin at a higher level in the sequence i.e. Geometry, Algebra 2, Precalculus) Foundations of Algebra and Geometry and math labs do not count towards the 3.0 credits of math required.
- The third credit may also be completed through election of an alternative math credit that leads to a specific career goal identified in the High School and Beyond Plan.

***Other Graduation Requirements:**
- State Assessments: See Appendix E for more information on required state assessments.
- High School and Beyond Plan
- Washington State history: usually met in middle school. If not, 1.0 of World Themes: Washington Perspectives fulfills this requirement.
# Five-Year Planning Sheet - 2020 and Beyond

## Credit Requirements***

<table>
<thead>
<tr>
<th>Subject</th>
<th>College and Career Graduation Reqs</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Post-High School Plan (circle your plan)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual or Performing Art</td>
<td></td>
<td>2.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Four-year college or university (special entrance requirements)</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td>4.0 English</td>
<td>English</td>
<td>*AP options recommended for college entrance</td>
<td>English</td>
<td>*AP options recommended for college entrance</td>
<td>Two-year college, transfer to four-year college (high school diploma required)</td>
</tr>
<tr>
<td>Math**</td>
<td></td>
<td>3.0 Math (Algebra)</td>
<td>Math (Geometry)</td>
<td>Math (Algebra 2 or math aligned with PPR)</td>
<td>*A math class or math based science in the senior year is required for college entrance</td>
<td>CWP</td>
<td>*AP options recommended for college entrance</td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td>3.0 World Themes/WA State Perspectives</td>
<td>U.S. History</td>
<td>*AP options recommended for college entrance</td>
<td>*A math class or math based science in the senior year is required for college entrance</td>
<td>CWP</td>
<td>*AP options recommended for college entrance</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>3.0 Environmental Science or Biology</td>
<td>Biology or Chemistry or Physics</td>
<td>Chemistry or Physics</td>
<td>*A math class or math based science in the senior year is required for college entrance</td>
<td>CWP</td>
<td>*AP options recommended for college entrance</td>
</tr>
<tr>
<td>Occupational Education</td>
<td></td>
<td>1.0 Next Tools</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.E.</td>
<td></td>
<td>1.5 P.E.</td>
<td>P.E.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td></td>
<td>0.5 Health (9th or 10th)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>4.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Language</td>
<td></td>
<td>2.0 *Required for college entrance</td>
<td>*Required for college entrance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td>24.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**The 3 Math Credits consist of:**
- Algebra, Geometry, and Algebra 2 or (students will take three years of math even if they begin at a higher level in the sequence i.e. Geometry, Algebra 2, Precalculus) Foundations of Algebra and Geometry and math labs do not count towards the 3.0 credits of math required.
- The third credit may also be completed through election of an alternative math credit supporting a Personalized Pathway (PPR) in the High School and Beyond Plan.

***Other Graduation Requirements:**
- State Assessments: See Appendix E for more information on required state assessments.
- High School and Beyond Plan
  - Washington State history: usually met in middle school. If not, 1.0 of World Themes: Washington Perspectives fulfills this requirement.
4-YEAR COLLEGE ADMISSIONS REQUIREMENTS*

Students who have an idea of which college they wish to attend should go to the Career Center to research the entrance requirements for that school. Students who are undecided should consider the following general guidelines.

**English - 4 Credits:** including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, English as a Second Language, or Learning Support English.

**Mathematics - 3 Credits:** Algebra I, Geometry, and Algebra II.

**Science - 2 Credits for students entering college prior to the summer or fall of 2021.** Both credits must be lab-based and one credit must be earned in biology, chemistry, or physics (this course may also meet the algebra-based requirement).  
**3 credits will be required for students entering college summer or fall of 2021.** Two credits must be lab-based, the third credit would not have to be lab-based and one credit must be earned in biology, chemistry, or physics (this course may also meet the algebra-based requirement).

**Social Science - 3 credits** of history or other non-elective social science (World Themes, U.S. History, Contemporary World Problems and Civic Responsibilities).

**Arts - 1 credit** of fine, visual, or performing arts - or 1 additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture.

**World Languages - 2 credits** must be earned in the same World Language, Native American language, or American Sign Language.

**Senior Year Math-Based Quantitative Course:** During the senior year of high school, students must earn a credit in a math-based quantitative course. This requirement may be met through enrollment in one of the three required math courses listed above; or by completing a math-based quantitative course like statistics, applied math, or appropriate career and technical courses; or by completing an algebra-based science course taken during the senior year that would satisfy this requirement and part of the science requirement below.

*Please consult college admission counselors regarding specific requirements.  
Any student planning to attend a four-year college/university should take the SAT or ACT.

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 (Associates 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 . . .

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 – after taking COMPASS @ the Clark College Assessment Center - in any of the following courses or in any course having the listed course(s) as prerequisite(s).

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Required</th>
<th>Prerequisite(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra</td>
<td>B or better</td>
<td>MATH 090</td>
<td></td>
</tr>
<tr>
<td>Algebra 2 or PB Algebra 2</td>
<td>B or better</td>
<td>MATH 095</td>
<td></td>
</tr>
<tr>
<td>Pre-AP Advanced Alg. &amp; Trig.</td>
<td>B or better</td>
<td>MATH 111</td>
<td></td>
</tr>
<tr>
<td>Math with Applications</td>
<td>B or better</td>
<td>MATH 090</td>
<td></td>
</tr>
<tr>
<td>Advanced Math with Applications</td>
<td>B or better</td>
<td>MATH 090</td>
<td></td>
</tr>
<tr>
<td>College Algebra (CiHS MATH 111)</td>
<td>C or better</td>
<td>MATH 111</td>
<td></td>
</tr>
<tr>
<td>College Trig (CiHS MATH 111)</td>
<td>C or better</td>
<td>MATH 103</td>
<td></td>
</tr>
<tr>
<td>IB Math Studies I</td>
<td>B or better</td>
<td>MATH 095</td>
<td></td>
</tr>
<tr>
<td>IB Math Studies II</td>
<td>B or better</td>
<td>MATH 095</td>
<td></td>
</tr>
<tr>
<td>IB Precalc/Trig/Stats</td>
<td>B or better</td>
<td>MATH 103 and MATH 111</td>
<td></td>
</tr>
<tr>
<td>Pre-AP Precalculus</td>
<td>B or better</td>
<td>MATH 111</td>
<td></td>
</tr>
<tr>
<td>AP Calculus AB*</td>
<td>C</td>
<td>MATH&amp; 151</td>
<td></td>
</tr>
<tr>
<td>AP Calculus AB*</td>
<td>B or better</td>
<td>MATH&amp; 152</td>
<td></td>
</tr>
<tr>
<td>IB Calculus Methods</td>
<td>C or better</td>
<td>MATH&amp; 151</td>
<td></td>
</tr>
<tr>
<td>AP Calculus BC* (Formerly Calculus II)</td>
<td>C</td>
<td>MATH&amp; 152</td>
<td></td>
</tr>
<tr>
<td>AP Calculus BC*</td>
<td>B or better</td>
<td>MATH&amp; 153</td>
<td></td>
</tr>
<tr>
<td>AP Stats</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Scholarships are awarded for a variety of reasons. These include good grades, community/school service, leadership, special talent (in essay writing, athletics, music, the arts, etc.), the subject you plan to major in, the career you plan to prepare for, obstacles you’ve overcome, race, ethnicity, sexual orientation, religion, gender, and/or financial need. Some scholarships are awarded on a combination of these factors, while others focus on just one or more of these factors. Most scholarships are for 12th grade students. However, there are some money-awarding competitions that are open to students in grades 9, 10, and/or 11.

www.thewashboard.org
This is a free scholarship clearinghouse for WA students seeking college scholarships.

www.collegeboard.com
This database is a free web version of the College Board's Fund Finder Scholarship Database. It lists scholarships and other types of financial aid programs from 3,300 national, state, public and private sources.

www.fastweb.com
With more than $3 billion in scholarships, this is the largest, most accurate and most frequently updated scholarship database. This personalized search compares your background with a database of awards and only those awards that fit your profile are identified as matches.

www.questbridge.org
This website links exceptional students with colleges, scholarship providers, enrichment programs, employers, and organizations seeking students who have excelled despite obstacles.

www.collegeprowler.com
Search more than 3.2 million college scholarships and apply to more than $50,000 in College Prowler scholarships.

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.

OTHER FINANCIAL AID WEB SITES:
- www.irs.gov – Hope and Lifetime Learning tax credits
- www.nela.net – Northwest Education Loan Association
- www.collegeispossible.org and www.mapping-your-future.org – General information about scholarships, financial aid, planning a career, selecting a school, paying for school, and chat nights

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.

PLAN
(Part of the American College Testing (ACT) system) Grade 10
ACT Plan serves as the midpoint measure of academic progress in ACT’s College and Career Readiness System. PLAN provides students with an early indication of how their educational progress relates to their post-high school educational and career plans.

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.
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 grade level 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.

Additional equivalency credit may be granted by a building principal for some courses on a limited basis in an effort to help students meet graduation requirements. Students requesting equivalency credit for a course not already approved for course equivalency, must complete and submit the appropriate Special Petition for Consideration Form to the building principal. The building principal will determine if the request for equivalency credit is granted.

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, Algebra or Geometry in grades 7 or 8.

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.

Immersion

Dual language and immersion 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.

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 may apply for high school credit once enrolled in high school.

It should be noted that, if students seek high school credit for these specified courses, the grade(s) they earned in the applicable classes will be included in calculation of their high school g.p.a. Students are responsible for filing the appropriate paperwork. Application forms are available in the high school counselor’s office.

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 grading option is only for elective courses.
• 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.
Agriculture, Food & Natural Resources

Do you like to learn how things grow or are you interested in the environment? Do you like to hunt, fish or be outdoors? This cluster includes the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Advanced Math w/Applications</th>
<th>Chemistry</th>
<th>AP Environmental Science</th>
<th>Natural Resources and Conservation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>AP Chemistry</td>
<td>Horticulture Science</td>
<td>Zoology</td>
</tr>
<tr>
<td>AP Biology</td>
<td>Culinary Arts</td>
<td>Advanced Horticulture</td>
<td></td>
</tr>
</tbody>
</table>

Architecture & Construction

Do you like to follow blueprints or procedures? Would you like to design something and picture what it would look like as a finished product? How good are you at visualizing possibilities, being precise and solving problems? This cluster includes careers in designing, planning, managing, building and maintaining the built environment.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Advanced Math w/Applications</th>
<th>Principles of Engineering</th>
<th>Welding/Fabrication Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Technology*</td>
<td>Electro-Digital Technology*</td>
<td>Introduction to Engineering</td>
</tr>
</tbody>
</table>

Arts, A/V Technology & Communications

Do you like to use your imagination to communicate new information to others? Do you enjoy creative, artistic, video or recording technologies? Are you comfortable performing in front of others? This cluster includes designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Advanced Math w/Applications</th>
<th>Multimedia Exploration</th>
<th>Shakespeare</th>
<th>Visual Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Sign Language</td>
<td>Music</td>
<td>Theatre</td>
<td>Web Design</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>IB Music Theory</td>
<td>Video Game Programming</td>
<td>World Language</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>Photography</td>
<td>Video Production</td>
<td>Yearbook</td>
</tr>
</tbody>
</table>

Business, Management & Administration

Do you enjoy utilizing computer applications, working with numbers, creating reports and communicating business ideas to people? Do you like to be a leader in a group? Are you an independent worker who can communicate and make contacts with others? Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations, which are available in every sector of the economy.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Advanced Math w/Applications</th>
<th>Exploring the World of Business</th>
<th>Precalculus</th>
<th>AP Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP/IB Calculus</td>
<td>Legal/Medical Office Apps*</td>
<td>Accounting</td>
<td>World Language</td>
</tr>
<tr>
<td>AP Economics</td>
<td>Multimedia Exploration</td>
<td>Speech and Debate</td>
<td>Yearbook</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Indicates courses offered off-campus at the Cascadia Tech Academy
**Career Clusters: Your Future Begins Here**

**Education & Training**

Do you like to learn new information and/or plan activities for others? Do you like to help others with their homework? Can you communicate with different types of people and help others overcome challenges? Are you a helpful person who is a good listener? This cluster includes careers involving planning, managing and providing education and training services, and related learning support services.

**Examples of classes recommended for this Career Cluster:**
- Adv. Math w/Applications
- American Sign Language
- Careers in Education
- Child Development
- Creative Writing
- Exploring Childhood
- Family Psychology for Teens
- IB Psychology
- Psychology
- Sociology
- Speech & Debate
- World Language

**Finance**

Do you like to work with numbers, make predictions or analyze financial information? Are you logical and orderly in working toward deadlines? Do you handle money with accuracy? The finance cluster includes services for financial and investment planning, banking, insurance, and business financial management.

**Examples of classes recommended for this Career Cluster:**
- Business Law
- Math with Applications
- Financial Algebra
- Precalculus
- Speech and Debate
- AP Statistics
- Student Store Operations
- Marketing

**Government & Public Administration**

Are you involved with politics? Do you like to debate, defend, or negotiate ideas? Are you service-minded in that you want to make a difference in your community? This cluster focuses on executing governmental functions including Governance, National Security, Foreign Service, Planning, Revenue and Taxation, Regulation, and Management and Administration at the local, state, and federal levels.

**Examples of classes recommended for this Career Cluster:**
- Business Law
- AP Comparative Government
- AP Economics
- AP Human Geography
- Law and Justice
- Leadership
- Precalculus
- Sociology
- Speech & Debate
- Homeland Security*
- AP World History
- World Language

**Health Science**

Do you like to help sick people or animals? Do you enjoy your health and science classes? Can you respond calmly in an emergency? Can you follow guidelines precisely and meet strict standards of accuracy? Are you compassionate, caring and patient? The Health Science cluster includes planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

**Examples of classes recommended for this Career Cluster:**
- Adv. Math w/Applications
- Applied Medical Science*
- Athletic Medicine
- Biology
- AP Biology
- AP/IB Calculus
- Chemistry
- AP Chemistry
- Child Development
- Dental Assisting*
- Fire Science*
- Health Sciences & Careers
- Health Wellness
- Human Anatomy
- Medical Terminology
- Physics
- Precalculus
- Psychology and Health Issues

*Indicates courses offered off-campus at the Cascadia Tech Academy
Career Clusters: Your Future Begins Here

Hospitality & Tourism
Do you love to explore new places and learn about other cultures? Do you like to organize activities in which others enjoy themselves? Are you outgoing and courteous? Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel-related services.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Adv. Math w/Applications</th>
<th>Culinary Arts-JPCC Cafe</th>
<th>Financial Algebra</th>
<th>Travel/Hotel Management*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Choices-Food Court</td>
<td>Leadership</td>
<td>Personal Nutrition</td>
<td>World Language</td>
</tr>
<tr>
<td>Culinary Arts</td>
<td>Marketing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Human Services
Do you care about people, their needs, and their issues? Do you enjoy participating in community service or volunteering? Are you a good listener and non-judgmental in nature? Would you like to work with people from preschool age to old age? This cluster prepares individuals for employment in career pathways that relate to family and human needs.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Adv. Math w/Applications</th>
<th>Creative Writing</th>
<th>Financial Algebra</th>
<th>Sociology</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Sign Language</td>
<td>Family Psychology for Teens</td>
<td>Psychology</td>
<td>AP Statistics</td>
</tr>
<tr>
<td>Child Development</td>
<td>Food and Fitness</td>
<td>AP Psychology</td>
<td>World Language</td>
</tr>
<tr>
<td>Cosmetology*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information Technology
Do you like to use computers, machines, and analyze video games? Do you like to read technical materials and diagrams and see details in the big picture? Can you concentrate for long periods of time without being distracted? This cluster prepares people for careers in IT Occupations: Entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Adv. Math w/Applications</th>
<th>Graphic Design</th>
<th>Multimedia Exploration</th>
<th>AP Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Electronics</td>
<td>AP/IB Computer Science</td>
<td>NextTools</td>
<td>Video Game Programming</td>
</tr>
<tr>
<td>Electro-Digital Technology*</td>
<td>Intro to Engineering</td>
<td>Principles of Engineering</td>
<td>Web Design</td>
</tr>
<tr>
<td>Engineering Design &amp; Development</td>
<td>AP Computer Science</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Law, Public Safety, Corrections & Security
Do you work well under pressure and in the face of danger? Do you like to interact with others and observe or analyze their behavior? Do you respect rules and regulations? Are you adventurous? This cluster includes planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Examples of classes recommended for this Career Cluster:

<table>
<thead>
<tr>
<th>Adv. Math w/Applications</th>
<th>Constitutional Law</th>
<th>Forensic Biology</th>
<th>AP Psychology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra 2</td>
<td>Creative Writing</td>
<td>Health Wellness</td>
<td>Sociology</td>
</tr>
<tr>
<td>Business Law</td>
<td>Criminal Justice*</td>
<td>Law and Justice</td>
<td>Speech &amp; Debate</td>
</tr>
<tr>
<td>CWP and Civic Responsibilities</td>
<td>Criminal Law</td>
<td>Psychology</td>
<td>World History</td>
</tr>
</tbody>
</table>

*Indicates courses offered off-campus at the Cascadia Tech Academy
MANUFACTURING

Do you enjoy working with your hands and putting things together? Can you visualize objects in three dimensions from a drawing? Do you like to use hand and power tools? Are you a step-by-step thinker? This manufacturing cluster includes planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Examples of classes recommended for this Career Cluster:

- Adv. Math w/Applications
- Aviation Technology*
- Chemistry
- Diesel Technology*
- Introduction to Engineering Design
- Physics
- Pre-engineering Technology*
- Principles of Engineering
- Robotics Foundations
- Welding/Fabrication Technology

MARKETING, SALES & SERVICE

Do you love to shop? How about persuading others to buy products or participate in activities? Do you take advantage of opportunities to make extra money? Are you creative in making displays and communicating to others? Do you like to be in charge and competitive with others? This cluster includes planning, managing, and performing marketing activities to reach organizational objectives.

Examples of classes recommended for this Career Cluster:

- Adv. Math w/Applications
- Algebra 2
- Business Law
- Creative Writing
- Entrepreneurship
- Exploring the World of Business
- Graphic Design
- Fashion Merchandising*
- Leadership
- Marketing
- Financial Algebra
- Fashion Marketing
- AP Statistics
- Student Store
- Web Design
- Sports Marketing

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Do you like to interpret formulas and find the answers to questions? Do you like to experiment to find the best way to do something? Do you enjoy working in a laboratory and figuring out how things work? Are you detail-oriented and inquisitive? This cluster includes planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Examples of classes recommended for this Career Cluster:

- Algebra 2
- Calculus
- Chemistry
- AP Chemistry
- AP/IB Computer Science
- Digital Electronics
- Engineering Design & Development
- Human Anatomy
- Integrated Science
- Introduction to Engineering
- Physics
- Environmental Sustainability
- AP Physics
- Precalculus
- Principles of Engineering

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Do you like to drive or ride along with others? Can you anticipate needs and solve mechanical problems? Do you like to coordinate or move things from one place to another? Do you like to design efficient processes? This cluster includes planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Examples of classes recommended for this Career Cluster:

- Adv. Math w/Applications
- Principles of Engineering
- Automotive Technology*
- Intro to Engineering Design
- Marketing
- AP World History
- Welding/Fabrication Technology
- Aviation Technology*

*Indicates courses offered off-campus at the Cascadia Tech Academy
AVID (Advancement Via Individual Determination)

AVID is designed to increase school-wide learning and performance. The mission of AVID is to ensure that all students enrolled complete a college preparatory path. With AVID providing support, students are required to take rigorous courses, maintain an organized binder, and commit to making school a priority in their lives. Areas addressed are organization, time management, test taking, study skills, writing, inquiry, critical reading and collaboration. Students enrolled in AVID commit to the program for the duration of their high school career.

- **Duration:** Until Graduation
- **Credits Per Term:** 0.5 (Elective)
- **Target Population:** 9-12
- **Prerequisite:** Teacher/AVID Site Team Recommendation

### 9th Grade

AVID paves the path to college and sets students up for successful college completion. Students, during their first year of the high school AVID program, will develop strategies to identify and fulfill personal and academic goals to ensure success in core studies required for entrance to four-year colleges and universities. Students are prepared to take the PSAT, start college exploration and focus on school involvement.

### 10th Grade

AVID is a regularly scheduled academic, elective class based on using writing and reading as tools for learning. Students become proficient in the skills and concepts that prepare them for the rigorous courses required for admission to four-year colleges and universities. Specific skills include Collaboration & Inquiry through Socratic Seminars and Tutorials, Organization through frequent binder checks, and Writing through essays and Cornell note taking. AVID challenges students to perform at high levels recognizing that college readiness depends on providing the extra time they need to succeed. Students participate in college field trips, tutorials, team building, guest speakers, and community service projects such as bell ringing for the Salvation Army and ‘Service in the Community’ on Martin Luther King Jr. day. Students are prepared for and take the PSAT early in the AVID program, continue college exploration, start scholarship exploration and planning, focus on community service such as AVID Outreach and give individualized college presentations.

### 11th and 12th Grade

During the last two years of the AVID program students focus on becoming college ready. Students are enrolled in one or more Advanced Placement (AP) courses and are set up for success by the support of the AVID class, teacher and weekly college tutoring. Students use Career Cruising to research careers of interest and attend the College Fair and College Boot Camp to assist them in selecting colleges that are the best fit for their future. Guest speakers include college admissions officials and counselors to guide students through the processes of college applications, scholarships and financial aid. Writing assignments focus on college application essays, resume writing, scholarship applications and letters of recommendation. Students are provided instruction in preparation for SAT/ACT, the scholarship application process including letters of recommendation, personal statements and admission essays while continuing to focus on school and community involvement. Students will visit 2 and 4 year colleges to gain a better perspective on the array of opportunities college has to offer.
**2121  English 9 A**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9*

COREQUISITES: *If you take this course, you must also take 2122  English 9 B*

**2122  English 9 B**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9*

COREQUISITES: *If you take this course, you must also take 2121  English 9 A*

**2171  PreAP English 9 A**

PreAP English 9 is an advanced level one-year course designed to prepare students for AP and college level courses during the junior and senior years of high school. Topics included in English 9 will be addressed, with additional emphasis on critical and evaluative thinking in response to reading and writing complex texts. Students will produce literary analyses of works of fiction, nonfiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

*CREDIT: 0.5  TYPE: PreAP  GRADE: 9*

COREQUISITES: *If you take this course, you must also take 2172  PreAP English 9 B*

**2172  PreAP English 9 B**

PreAP English 9 is an advanced level one-year course designed to prepare students for AP and college level courses during the junior and senior years of high school. Topics included in English 9 will be addressed, with additional emphasis on critical and evaluative thinking in response to reading and writing complex texts. Students will produce literary analyses of works of fiction, nonfiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

*CREDIT: 0.5  TYPE: PreAP  GRADE: 9*

COREQUISITES: *If you take this course, you must also take 2171  PreAP English 9 A*
2211  English 10 A

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 10
COREQUISITES: If you take this course, you must also take 2212  English 10 B

2212  English 10 B

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 10
COREQUISITES: If you take this course, you must also take 2211  English 10 A

2241  Pre AP English 10 A

Pre AP English 10 is an advanced level one-year course designed to prepare students for AP and college level courses during the junior and senior years of high school. Topics included in English 10 will be addressed, with additional emphasis on critical and evaluative thinking in response to reading and writing texts of increasing complexity. Students will produce literary analyses of works of fiction, nonfiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

CREDIT: 0.5  TYPE: Pre AP  GRADE: 10
COREQUISITES: If you take this course, you must also take 2242  Pre AP English 10 B

2242  Pre AP English 10 B

Pre AP English 10 is an advanced level one-year course designed to prepare students for AP and college level courses during the junior and senior years of high school. Topics included in English 10 will be addressed, with additional emphasis on critical and evaluative thinking in response to reading and writing texts of increasing complexity. Students will produce literary analyses of works of fiction, nonfiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

CREDIT: 0.5  TYPE: Pre AP  GRADE: 10
COREQUISITES: If you take this course, you must also take 2241  Pre AP English 10 A

2311  English 11 A

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 is a required component of this class. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.

CREDIT: 0.5  TYPE: Standard  GRADE: 11
COREQUISITES: If you take this course, you must also take 2312  English 11 B
2312  English 11 B

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 is a required component of this class. This course will help to prepare students to meet state standards on the Smarter Balanced English Language Arts exam.

CREDIT: 0.5  TYPE: Standard  GRADE: 11
COREQUISITES: If you take this course, you must also take 2311  English 11 A

2351  AP Language and Composition A

The AP Language and Composition course is designed to help students become skilled readers of prose from a variety of periods, disciplines, and rhetorical contexts. The students will also become skilled writers who can compose for a variety of purposes. Through writing and reading experiences in this course, students become aware of the interactions among writers’ purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effective writing. This course prepares students to take the AP English Language and Composition Exam as well as to meet state standards on the Smarter Balanced English Language Arts exam.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 11 12
COREQUISITES: If you take this course, you must also take 2352  AP Language and Composition B

2352  AP Language and Composition B

The AP Language and Composition course is designed to help students become skilled readers of prose from a variety of periods, disciplines, and rhetorical contexts. The students will also become skilled writers who can compose for a variety of purposes. Through writing and reading experiences in this course, students become aware of the interactions among writers’ purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effective writing. This course prepares students to take the AP English Language and Composition Exam as well as to meet state standards on the Smarter Balanced English Language Arts exam.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 11 12
COREQUISITES: If you take this course, you must also take 2351  AP Language and Composition A

2371  AP Literature and Composition A

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work’s structure, style, and themes, as well as such smaller scale elements as the use of figurative language, imagery, symbolism and tone. This course prepares students to take the AP English Literature and Composition Exam.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 11 12
COREQUISITES: If you take this course, you must also take 2372  AP Literature and Composition B
2372  AP Literature and Composition B

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work’s structure, style, and themes, as well as such smaller scale elements as the use of figurative language, imagery, symbolism and tone. This course prepares students to take the AP English Literature and Composition Exam.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 11-12
COREQUISITES: If you take this course, you must also take 2371  AP Literature and Composition A

2511  Senior Composition/British Literature A

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, 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. 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.

CREDIT: 0.5  TYPE: Standard  GRADE: 12
COREQUISITES: If you take this course, you must also take 2512  Senior Composition/British Literature B

2512  Senior Composition/British Literature B

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, 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. 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.

CREDIT: 0.5  TYPE: Standard  GRADE: 12
COREQUISITES: If you take this course, you must also take 2511  Senior Composition/British Literature A

4511  Food & Fitness A

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).

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
4512  Food & Fitness B

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).

_CREDIT: 0.5  TYPE: Standard  GRADE: 10-12_

6151  Circuit Training A

In this course a personalized circuit training program will be determined to meet the student’s fitness needs and goals. The program will be designed with the student and supervised by the instructor. The student will assess his or her personal fitness level while developing an understanding of nutritional needs for overall well being. The student will have daily opportunities to utilize circuit training equipment such as stair steppers, treadmills, rowing machines, stationary bikes, and more. Students also develop a personalized fitness plan.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_
COREQUISITES: If you take this course, you must also take 6152  Circuit Training B

6152  Circuit Training B

In this course a personalized circuit training program will be determined to meet the student’s fitness needs and goals. The program will be designed with the student and supervised by the instructor. The student will assess his or her personal fitness level while developing an understanding of nutritional needs for overall well being. The student will have daily opportunities to utilize circuit training equipment such as stair steppers, treadmills, rowing machines, stationary bikes, and more. Students also develop a personalized fitness plan.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_
COREQUISITES: If you take this course, you must also take 6151  Circuit Training A

6171  Physical Education A

This program will offer a wide variety of coeducational activities and sports. Activities are selected to help the student develop physical skills and fitness in a social setting. A variety of activity units will be offered, such as flag football, soccer, speedball, tennis, racquetball, volleyball, pickle ball, badminton, bowling, golf, softball, circuit training and basketball. Students also develop a personalized fitness plan.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_

6172  Physical Education B

This program will offer a wide variety of coeducational activities and sports. Activities are selected to help the student develop physical skills and fitness in a social setting. A variety of activity units will be offered, such as flag football, soccer, speedball, tennis, racquetball, volleyball, pickle ball, badminton, bowling, golf, softball, circuit training and basketball. Students also develop a personalized fitness plan.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_
**Fitness and Health**

6247  Beginning Yoga

Beginning Yoga students will practice breathing and centering techniques while engaging in yoga postures that will enhance core body strength. Students will also practice relaxation techniques cultivating mindfulness and healthful ways to manage emotions and stress levels. Yoga students will develop the ability to plan, implement, self-assess and modify a personal health and fitness plan.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

6248  Beginning Yoga

Beginning Yoga students will practice breathing and centering techniques while engaging in yoga postures that will enhance core body strength. Students will also practice relaxation techniques cultivating mindfulness and healthful ways to manage emotions and stress levels. Yoga students will develop the ability to plan, implement, self-assess and modify a personal health and fitness plan.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

6251  Health Wellness

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

**Mathematics**

3721  Precalculus A

This course represents a stepping stone to advanced placement mathematics courses. Students further explore functions, complex numbers, conic sections, hypothesis testing, and derivatives. This course expects students to solve problems, reason logically, communicate understanding, and make connections to the real world using concepts such as cartography, insurance, and compound interest. A graphing calculator is required. This class is highly recommended for students looking to further their education in mathematics. Upon successful completion of this course, students will be recommended for IB Calculus or Advanced Mathematics with Applications.

*CREDIT: 0.5  TYPE: Standard  GRADE: 10-12*

PREREQUISITE: Algebra 2.

COREQUISITES: If you take this course, you must also take 3722  Precalculus B

3722  Precalculus B

This course represents a stepping stone to advanced placement mathematics courses. Students further explore functions, complex numbers, conic sections, hypothesis testing, and derivatives. This course expects students to solve problems, reason logically, communicate understanding, and make connections to the real world using concepts such as cartography, insurance, and compound interest. A graphing calculator is required. This class is highly recommended for students looking to further their education in mathematics. Upon successful completion of this course, students will be recommended for IB Calculus or Advanced Mathematics with Applications.

*CREDIT: 0.5  TYPE: Standard  GRADE: 10-12*

PREREQUISITE: Algebra 2.

COREQUISITES: If you take this course, you must also take 3721  Precalculus A
4811  Financial Algebra A

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 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 postsecondary 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 articulated with Clark College (BUS 160).

CREDIT: 0.5  TYPE: Standard  GRADE: 11-12

4812  Financial Algebra B

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 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 postsecondary 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 articulated with Clark College (BUS 160).

CREDIT: 0.5  TYPE: Standard  GRADE: 11-12

M3101  Algebra A

This course is a formal study of first year algebraic content. Students will develop their understanding of algebraic concepts and skills as they work with equations, inequalities, and functions. Other topics include linear, quadratic, and exponential functions, as well as 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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-11
COREQUISITES: If you take this course, you must also take M3102  Algebra B

M3102  Algebra B

This course is a formal study of first year algebraic content. Students will develop their understanding of algebraic concepts and skills as they work with equations, inequalities, and functions. Other topics include linear, quadratic, and exponential functions, as well as 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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-11
COREQUISITES: If you take this course, you must also take M3101  Algebra A
M3201  Geometry A

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Algebra 1.
COREQUISITES: If you take this course, you must also take M3202  Geometry B

M3202  Geometry B

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Algebra 1.
COREQUISITES: If you take this course, you must also take M3201  Geometry A

M3301  Algebra 2 A

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Algebra I, Geometry.
COREQUISITES: If you take this course, you must also take M3302  Algebra 2 B

M3302  Algebra 2 B

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Algebra I, Geometry.
COREQUISITES: If you take this course, you must also take M3301  Algebra 2 A
Mathematics

Mathematics Electives

3401 Foundations of Algebra and Geometry A

This course will provide students with the foundation for high school mathematics. The course content will draw from mathematical concepts and procedures of number sense, measurement, geometry, probability, statistics, and algebra. Mathematics calculations will be done routinely by using mental math, paper and pencil, and technology. Strategies for problem solving, reasoning, communicating, and making connections will be emphasized using the concepts of this course. This course does not count towards math credit graduation requirements.

CREDIT: 0.5 TYPE: Standard GRADE: 9
COREQUISITES: If you take this course, you must also take 3402 Foundations of Algebra and Geometry B

3402 Foundations of Algebra and Geometry B

This course will provide students with the foundation for high school mathematics. The course content will draw from mathematical concepts and procedures of number sense, measurement, geometry, probability, statistics, and algebra. Mathematics calculations will be done routinely by using mental math, paper and pencil, and technology. Strategies for problem solving, reasoning, communicating, and making connections will be emphasized using the concepts of this course. This course does not count towards math credit graduation requirements.

CREDIT: 0.5 TYPE: Standard GRADE: 9
COREQUISITES: If you take this course, you must also take 3401 Foundations of Algebra and Geometry A

1001 Independent Reading

This is predominantly an independent reading course, but 3 check-ins will take place before the culminating project is due at the end of the semester.

CREDIT: 0.5 TYPE: Standard GRADE: 9-12

1002 Independent Reading

This is predominantly an independent reading course, but 3 check-ins will take place before the culminating project is due at the end of the semester.

CREDIT: 0.5 TYPE: Standard GRADE: 9-12

8451 Leadership/Peer Mentoring A

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 publish 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.

CREDIT: 0.5 TYPE: Standard GRADE: 11-12
PREREQUISITE: By application approval only.
**Miscellaneous Electives**

**8452  Leadership/Peer Mentoring B**

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 publish 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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 11-12
PREREQUISITE: By application approval only.*

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**Occupational Education**

**Business and Marketing**

**4111  Multimedia Exploration**

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).

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

**4861  Web Design**

This self-paced course is designed to provide a basic understanding of the skills and training in the field of Web Design. The class will focus on how people use the internet, principles of web page planning, basic design, layout and construction, and setup of a web site. This course stresses the importance of quality, professionalism, time management, and creativity.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

**4871  Advanced Web Design**

Students who have completed the Web Design class will have an opportunity in this hands-on class to apply their knowledge of web design to developing and maintaining web sites for the school and outside organizations.

*CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
PREREQUISITE: Web Design and/or teacher recommendation.*
Occupational Education

Family and Consumer Sciences

4511 Food & Fitness A

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).

CREDIT: 0.5 TYPE: Standard GRADE: 10-12

4512 Food & Fitness B

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).

CREDIT: 0.5 TYPE: Standard GRADE: 10-12

6251 Health Wellness

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.

CREDIT: 0.5 TYPE: Standard GRADE: 9-12

Graphics, Photo, Yearbook, Video

0201V Graphic Design A

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. 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).

CREDIT: 0.5 TYPE: Standard GRADE: 9-12
COREQUISITES: If you take this course, you must also take 0202V Graphic Design B
0202V   Graphic Design B

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. 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).

CREDIT: 0.5   TYPE: Standard   GRADE: 9-12
COREQUISITES: If you take this course, you must also take 0201V Graphic Design A

0211V   Advanced Graphic Design A

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).

CREDIT: 0.5   TYPE: Advanced   GRADE: 10-12
PREREQUISITE: Graphic Design and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0212V Advanced Graphic Design B

0212V   Advanced Graphic Design B

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).

CREDIT: 0.5   TYPE: Advanced   GRADE: 10-12
PREREQUISITE: Graphic Design and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0211V Advanced Graphic Design A

0221V   Special Art A

This course is designed for the self-motivated advanced student who has taken most of the offered arts classes and can work independently with the consultation of the instructor. Consumable 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).

CREDIT: 0.5   TYPE: Standard   GRADE: 11-12
PREREQUISITE: A average in previous art classes, art portfolio and teacher permission.
0222V  Special Art B

This course is designed for the self-motivated advanced student who has taken most of the offered arts classes and can work independently with the consultation of the instructor. Consumable 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).

CREDIT: 0.5  TYPE: Standard  GRADE: 11-12
PREREQUISITE: A average in previous art classes, art portfolio and teacher permission.

0311V  Photography I

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).

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12

0312V  Photography II

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 prepress 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).

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Photography I and/or teacher recommendation.
0321V  Photography III A

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).

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Photography I & II and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0322V  Photography III B

0322V  Photography III B

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).

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Photography I & II and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0321V  Photography III A

11221  VSAA Moving Image Arts Animation A

Animation A is a skills oriented semester length course class. Students will learn the skills involved in creating movement. All skills, for example, anticipation, exaggeration and other principles will be approached through drawn animation. There will also be a project here the use of audio is applied. Students will also analyze, interpret, and evaluate animation on film, video and other electronic media encountered in daily life.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
Occupational Education

11222 VSAA Moving Image Arts Animation B

Animation B is a project centered semester length course class-based on skills presented during Animation A. Students choose a medium in which to work on a group or independent project. Mediums such as object, drawn, experimental, direct, and computer animation are options for students. Also, students must study a currently known style and apply it to their project. This class requires highly motivated animators.

CREDIT: 0.5 TYPE: Standard GRADE: 9-12

2731V Yearbook A

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, 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 2for1 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.

CREDIT: 0.5 TYPE: Standard GRADE: 10-12
COREQUISITES: If you take this course, you must also take 2732V Yearbook B

2732V Yearbook B

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, 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 2for1 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.

CREDIT: 0.5 TYPE: Standard GRADE: 10-12
COREQUISITES: If you take this course, you must also take 2731V Yearbook A

4111 Multimedia Exploration

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 2for1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

CREDIT: 0.5 TYPE: Standard GRADE: 9-12
4861  Web Design

This self-paced course is designed to provide a basic understanding of the skills and training in the field of Web Design. The class will focus on how people use the internet, principles of web page planning, basic design, layout and construction, and setup of a web site. This course stresses the importance of quality, professionalism, time management, and creativity.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_

4871  Advanced Web Design

Students who have completed the Web Design class will have an opportunity in this hands-on class to apply their knowledge of web design to developing and maintaining web sites for the school and outside organizations.

_CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12_
_PREREQUISITE: Web Design and/or teacher recommendation._

5041  VFA Video Game Design I

Video Game Design I is an entry level course in Video Game Development. Students will learn about the structure of the Video Game Industry, Game Theory, Fundamentals of Game Design, Storytelling Techniques, Character Development, and the skills necessary for employment in the Video Game Industry.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_

5042  VFA Video Game Design II

Video Game Design II is a course in video game creation. Students will work individually and in teams to create games and demonstrate teamwork skills necessary for employment in the Video Game industry.

_CREDIT: 0.5  TYPE: Standard  GRADE: 9-12_

Horticulture and Natural Resources

4751  Advanced Horticulture A

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 2for1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area). Students need to take Advanced Hort for a full year in order to earn .5 Science credit.

_CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12_
_PREREQUISITE: Horticulture Science and Teacher approval._
_COREQUISITES: If you take this course, you must also take 4752 Advanced Horticulture B_
4752  Advanced Horticulture B

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 2for1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area). Students need to take Advanced Hort for a full year in order to earn .5 Science credit.

CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
PREREQUISITE: Horticulture Science and Teacher approval.
COREQUISITES: If you take this course, you must also take 4751 Advanced Horticulture A

4761  Horticulture – Special Projects A

Students will increase and strengthen their skills in horticulture by working on individual area of interest. This course is for the most creative and dedicated students in horticulture and provides training for those interested in careers in the horticulture field.

CREDIT: 0.5  TYPE: Standard  GRADE: 11-12
PREREQUISITE: Advanced Horticulture, Teacher approval.
COREQUISITES: If you take this course, you must also take 4762 Horticulture – Special Projects B

4762  Horticulture – Special Projects B

Students will increase and strengthen their skills in horticulture by working on individual area of interest. This course is for the most creative and dedicated students in horticulture and provides training for those interested in careers in the horticulture field.

CREDIT: 0.5  TYPE: Standard  GRADE: 11-12
PREREQUISITE: Advanced Horticulture, Teacher approval.
COREQUISITES: If you take this course, you must also take 4761 Horticulture – Special Projects A
7521 Horticulture Science A

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).

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

**COREQUISITES: If you take this course, you must also take 7522 Horticulture Science B**

7522 Horticulture Science B

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).

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

**COREQUISITES: If you take this course, you must also take 7521 Horticulture Science A**

7541 Natural Resources Conservation A

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 focuses on biology through the study of natural resources. Students will learn subjects such as soils, ecosystems, human population, land and water use, climate change, fish and wildlife, energy and recreational resources. Field, laboratory, and hands-on experiences will be emphasized. This course will include instruction and student involvement in an exploratory Supervised Agricultural Experience Project (SAE). Students will also explore careers related to natural resource conservation and management.

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

**PREREQUISITE: Earth Science and/or Biology.**
7542  Natural Resources Conservation B

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 focuses on biology through the study of natural resources. Students will learn subjects such as soils, ecosystems, human population, land and water use, climate change, fish and wildlife, energy and recreational resources. Field, laboratory, and hands-on experiences will be emphasized. This course will include instruction and student involvement in an exploratory Supervised Agricultural Experience Project (SAE). Students will also explore careers related to natural resource conservation and management.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Earth Science and/or Biology.*

Medical Arts

6251  Health Wellness

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

Work Based Learning

5101  Career Choices A

Career Choices allows students an opportunity to explore and develop employability skills, career awareness, and occupational knowledge that prepares them for success in the workplace. Students are encouraged to participate in DECA. 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 a 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)

*CREDIT: 0.5  TYPE: Standard  GRADE: 10-12*
5102 Career Choices B

Career Choices allows students an opportunity to explore and develop employability skills, career awareness, and occupational knowledge that prepares them for success in the workplace. Students are encouraged to participate in DECA. 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 a 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)

_CREDIT: 0.5   TYPE: Standard   GRADE: 10-12_

5301 Work Experience A

This program enhances classroom instruction by giving students the opportunity to gain paid/nonpaid 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 Coop 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.

_CREDIT: 0.5   TYPE: Non Available   GRADE: 11-12_

PREREQUISITE: Recommended by building counselor and application approved by the Work Based Learning Coordinator.

5302 Work Experience B

This program enhances classroom instruction by giving students the opportunity to gain paid/nonpaid 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 Coop 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.

_CREDIT: 0.5   TYPE: Non Available   GRADE: 11-12_

PREREQUISITE: Recommended by building counselor and application approved by the Work Based Learning Coordinator.
4751 Advanced Horticulture A

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 2for1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area). Students need to take Advanced Hort for a full year in order to earn .5 Science credit.

**CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12**
**PREREQUISITE: Horticulture Science and Teacher approval.**
**COREQUISITES: If you take this course, you must also take 4752 Advanced Horticulture B**

7161 Environmental Science A

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.

**CREDIT: 0.5  TYPE: Standard  GRADE: 9-12**
**COREQUISITES: If you take this course, you must also take 7162 Environmental Science B**

7162 Environmental Science B

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.

**CREDIT: 0.5  TYPE: Standard  GRADE: 9-12**
**COREQUISITES: If you take this course, you must also take 7161 Environmental Science A**
**Science**

**7431  Biology A**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-11*

**COREQUISITES: If you take this course, you must also take 7432  Biology B**

**7432  Biology B**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-11*

**COREQUISITES: If you take this course, you must also take 7431  Biology A**

**7521  Horticulture Science A**

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 2for1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area).

*CREDIT: 0.5  TYPE: Standard  GRADE: 9-12*

**COREQUISITES: If you take this course, you must also take 7522  Horticulture Science B**
7522 Horticulture Science B

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 2for1 course that meets two graduation requirements, Science and CTE (although students only earn credit in one area).

CREDIT: 0.5 TYPE: Standard GRADE: 9-12
COREQUISITES: If you take this course, you must also take 7521 Horticulture Science A

7541 Natural Resources Conservation A

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 focuses on biology through the study of natural resources. Students will learn subjects such as soils, ecosystems, human population, land and water use, climate change, fish and wildlife, energy and recreational resources. Field, laboratory, and hands-on experiences will be emphasized. This course will include instruction and student involvement in an exploratory Supervised Agricultural Experience Project (SAE). Students will also explore careers related to natural resource conservation and management.

CREDIT: 0.5 TYPE: Standard GRADE: 9-12
PREREQUISITE: Earth Science and/or Biology.

7542 Natural Resources Conservation B

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 focuses on biology through the study of natural resources. Students will learn subjects such as soils, ecosystems, human population, land and water use, climate change, fish and wildlife, energy and recreational resources. Field, laboratory, and hands-on experiences will be emphasized. This course will include instruction and student involvement in an exploratory Supervised Agricultural Experience Project (SAE). Students will also explore careers related to natural resource conservation and management.

CREDIT: 0.5 TYPE: Standard GRADE: 9-12
PREREQUISITE: Earth Science and/or Biology.

7621 Oceanography

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.

CREDIT: 0.5 TYPE: Standard GRADE: 11-12
**7631  Ecology**

This course will focus on understanding ecosystems and human interaction with these ecosystems. This class will pay particular attention to human degradation of the environment and what is needed to reduce the negative effects of human activities. Students will be working outdoors whenever possible. Major topics in this class will include local and global environmental issues, water and carbon cycle, human interaction with the environment, population studies and the effect of climate on ecosystems.

*CREDIT: 0.5  TYPE: Standard  GRADE: 11-12*

**7641  Zoology A**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 11-12  
PREREQUISITE: Successful completion of Biology. 
COREQUISITES: If you take this course, you must also take 7642  Zoology B*

**7642  Zoology B**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 11-12  
PREREQUISITE: Successful completion of Biology.  
COREQUISITES: If you take this course, you must also take 7641  Zoology A*

**7731  Chemistry A**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 11-12  
COREQUISITES: If you take this course, you must also take 7732  Chemistry B*

**7732  Chemistry B**

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.

*CREDIT: 0.5  TYPE: Standard  GRADE: 11-12  
COREQUISITES: If you take this course, you must also take 7731  Chemistry A*
**Science**

**7771  Physics A**

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.

**CREDIT:** 0.5  **TYPE:** Standard  **GRADE:** 10-12  
**PREREQUISITE:** Completion or concurrent enrollment in Algebra 2.  
**COREQUISITES:** If you take this course, you must also take 7772  Physics B

**7772  Physics B**

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.

**CREDIT:** 0.5  **TYPE:** Standard  **GRADE:** 10-12  
**PREREQUISITE:** Completion or concurrent enrollment in Algebra 2.  
**COREQUISITES:** If you take this course, you must also take 7771  Physics A

**Social Studies**

**8051  World Themes: Washington Perspectives A**

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.

**CREDIT:** 0.5  **TYPE:** Standard  **GRADE:** 10  
**COREQUISITES:** If you take this course, you must also take 8052  World Themes: Washington Perspectives B

**8052  World Themes: Washington Perspectives B**

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.

**CREDIT:** 0.5  **TYPE:** Standard  **GRADE:** 10  
**COREQUISITES:** If you take this course, you must also take 8051  World Themes: Washington Perspectives A

**8221  U.S. History A**

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.

**CREDIT:** 0.5  **TYPE:** Standard  **GRADE:** 11  
**COREQUISITES:** If you take this course, you must also take 8222  U.S. History B
### 8222  U.S. History B

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.

**CREDIT: 0.5  TYPE: Standard  GRADE: 11**  
**COREQUISITES: If you take this course, you must also take 8221  U.S. History A**

### 8431  VFA Government

Providing students with the opportunity to learn about the historical events, philosophers, and topical issues that helped create the democratic foundations of this nation, Government is an engaging one-semester course that will introduce high school students to the Founding Fathers and expose them to the ideas that shaped the nation. Students will identify important political leaders and trace the development and organization of federal, state, and local government. In addition, students will explain the political process and analyze the United States' role as a global, political, and economic participant. The course specifically targets the philosophies and foundations of the United States government, the organization of the branches of government, government on a state and local level, and civil liberties and laws. Full of timely and interesting content, this course will inspire students to be more informed citizens and equip them to understand how the United States compares economically and politically on a global scale.

**CREDIT: 0.5  TYPE: Standard  GRADE: 12**  
**COREQUISITES: If you take this course, you must also take 8462P  Economics CWP**

### 8462P  Economics CWP

Students will examine basic economy theories and systems as they apply to individuals, companies, countries and the world. The class will examine both Microeconomic and Macroeconomic theory and practice. Microeconomics involves the understanding of how individuals and businesses deal with questions of supply and demand, especially in a world of limited resources and unlimited wants. The concepts of consumer choice, production costs and prices as well as how businesses react to change are important aspects of Microeconomic theory. In Macroeconomics the focus shifts to the study of the economy of a nation and the world. The interaction of firms, national policy and, especially, international economics and trends will be emphasized. Junior Achievement may be an enrichment activity in this course.

**CREDIT: 0.5  TYPE: Standard  GRADE: 12**  
**COREQUISITES: If you take this course, you must also take 8431  VFA Government**

### 8681  Psychology A

This course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

**CREDIT: 0.5  TYPE: Standard  GRADE: 10-12**  
**COREQUISITES: If you take this course, you must also take 8692  Sociology B**
8692  Sociology B

Providing insight into the human dynamics of our diverse society, this is an engaging one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

CREDIT: 0.5   TYPE: Standard   GRADE: 10-12
COREQUISITES: If you take this course, you must also take 8681  Psychology A

Social Studies Electives

8091  AP Human Geography A

The AP Human Geography course introduces students to the importance of spatial organization—the location of places, people, and events, and the connections among places and landscapes—in the understanding of human life on Earth. A significant outcome of the course is students’ awareness of the relevance of academic geography to everyday life and decision making. The course provides students with a global perspective on issues such as population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography.

Through this study, students will understand the cause and effect patterns of human interactions with the environment, with each other, and with historical events. Students are encouraged but not required to take the AP Human Geography exam. This course is an alternative to World Themes: Washington Perspectives and will fulfill the 10th grade social studies credit. A prerequisite for enrollment in this course is passing all three trimesters of the 7th grade Washington State History course.

CREDIT: 0.5   TYPE: Advanced Placement   GRADE: 9-10
PREREQUISITE: Students must either have passed all three trimesters of 7th grade Washington State History OR take the Canvas course for Washington State History competency in order to take this course instead of World Themes: Washington Perspectives.
COREQUISITES: If you take this course, you must also take 8092  AP Human Geography B

8092  AP Human Geography B

The AP Human Geography course introduces students to the importance of spatial organization—the location of places, people, and events, and the connections among places and landscapes—in the understanding of human life on Earth. A significant outcome of the course is students’ awareness of the relevance of academic geography to everyday life and decision making. The course provides students with a global perspective on issues such as population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography.

Through this study, students will understand the cause and effect patterns of human interactions with the environment, with each other, and with historical events. Students are encouraged but not required to take the AP Human Geography exam. This course is an alternative to World Themes: Washington Perspectives and will fulfill the 10th grade social studies credit. A prerequisite for enrollment in this course is passing all three trimesters of the 7th grade Washington State History course.

CREDIT: 0.5   TYPE: Advanced Placement   GRADE: 9-10
PREREQUISITE: Students must either have passed all three trimesters of 7th grade Washington State History OR take the Canvas course for Washington State History competency in order to take this course instead of World Themes: Washington Perspectives.
COREQUISITES: If you take this course, you must also take 8091- AP Human Geography A
0201V  Graphic Design A

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. 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).

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 0202V Graphic Design B

0202V  Graphic Design B

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. 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).

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 0201V Graphic Design A

0211V  Advanced Graphic Design A

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).

CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
PREREQUISITE: Graphic Design and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0212V Advanced Graphic Design B

0212V  Advanced Graphic Design B

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).

CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
PREREQUISITE: Graphic Design and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0211V Advanced Graphic Design A
0221V  Special Art A

This course is designed for the self-motivated advanced student who has taken most of the offered arts classes and can work independently with the consultation of the instructor. Consumable 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).

**CREDIT: 0.5   TYPE: Standard   GRADE: 11-12**

**PREREQUISITE: A average in previous art classes, art portfolio and teacher permission.**

0222V  Special Art B

This course is designed for the self-motivated advanced student who has taken most of the offered arts classes and can work independently with the consultation of the instructor. Consumable 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).

**CREDIT: 0.5   TYPE: Standard   GRADE: 11-12**

**PREREQUISITE: A average in previous art classes, art portfolio and teacher permission.**

0311V  Photography I

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).

**CREDIT: 0.5   TYPE: Standard   GRADE: 9-12**

0312V  Photography II

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 prepres 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).

**CREDIT: 0.5   TYPE: Standard   GRADE: 9-12**

**PREREQUISITE: Photography I and/or teacher recommendation.**
0321V  Photography III A

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 2for1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Photography I & II and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0322V Photography III B

0322V  Photography III B

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 2for1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area).

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Photography I & II and/or teacher recommendation.
COREQUISITES: If you take this course, you must also take 0321V Photography III A

0351  Theatre I A

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 0352  Theatre I B
0352  Theatre I B

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 0351 Theatre I A

0361  Theatre II A

Students continue to develop theatre knowledge and skills through improvisation, scene study, audition preparation, and script and character analysis and evaluation. Application of skills in the rehearsal and performance of a production for an audience outside of class may be expected.

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Theatre I and/or teacher approval.
COREQUISITES: If you take this course, you must also take 0362 Theatre II B

0362  Theatre II B

Students continue to develop theatre knowledge and skills through improvisation, scene study, audition preparation, and script and character analysis and evaluation. Application of skills in the rehearsal and performance of a production for an audience outside of class may be expected.

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Theatre I and/or teacher approval.
COREQUISITES: If you take this course, you must also take 0361 Theatre II A

11221  VSAA Moving Image Arts Animation A

Animation A is a skills oriented semester length course class. Students will learn the skills involved in creating movement. All skills, for example, anticipation, exaggeration and other principles will be approached through drawn animation. There will also be a project here the use of audio is applied. Students will also analyze, interpret, and evaluate animation on film, video and other electronic media encountered in daily life.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12

11222  VSAA Moving Image Arts Animation B

Animation B is a project centered semester length course class based on skills presented during Animation A. Students choose a medium in which to work on a group or independent project. Mediums such as object, drawn, experimental, direct, and computer animation are options for students. Also, students must study a currently known style and apply it to their project. This class requires highly motivated animators.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
2731V  Yearbook A

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, 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.

CREDIT: 0.5    TYPE: Standard    GRADE: 10-12
COREQUISITES: If you take this course, you must also take 2732V Yearbook B

4111  Multimedia Exploration

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).

CREDIT: 0.5    TYPE: Standard    GRADE: 9-12

1511  Spanish 1 A

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.

CREDIT: 0.5    TYPE: Standard    GRADE: 9-12
COREQUISITES: If you take this course, you must also take 1512 Spanish 1 B

1512  Spanish 1 B

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.

CREDIT: 0.5    TYPE: Standard    GRADE: 9-12
COREQUISITES: If you take this course, you must also take 1511 Spanish 1 A
1521  Spanish 2 A

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Spanish 1. Level 1.
COREQUISITES: If you take this course, you must also take 1522  Spanish 2 B

1522  Spanish 2 B

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 9-12
PREREQUISITE: Level 1.
COREQUISITES: If you take this course, you must also take 1521  Spanish 2 A

1531  Spanish 3 A

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Spanish 2, Level 2.
COREQUISITES: If you take this course, you must also take 1532  Spanish 3 B

1532  Spanish 3 B

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.

CREDIT: 0.5  TYPE: Standard  GRADE: 10-12
PREREQUISITE: Level 2.
COREQUISITES: If you take this course, you must also take 1531- Spanish 3 A
Advanced Placement & International Baccalaureate (IB)

Students and parents should be aware that any courses denoted in course descriptions by an ‘AP’ (Advanced Placement) at Vancouver School for Arts and Academics, or at Skyview, Fort Vancouver, Hudson’s Bay and Lewis and Clark High Schools are courses designed to be the equivalent of college level work. This also applies to courses indicating as ‘IB’ (International Baccalaureate) at Columbia River High School. 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.

Both AP and the IB Diploma programs value students doing independent research, critical thinking, and writing. These programs have attracted the attention of national and international policy makers as ways to improve the quality of education, and the rigor of high school course work. Students who enroll in these classes should expect challenging work and expectations involving regular completion of readings and assignments outside of class.

Students interested in enrolling in AP 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.

College in the High School

The College in the High School Program affords students the opportunity to acquire University of Washington or Clark College 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. This program offers students an opportunity to be connected to the Clark or UW through visits to campus, attendance at college lectures and programs, and participation in other important college events.

Running Start

“Running Start” is another program which can lead to college credit, and it is operated in conjunction 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.

Running Start in the High School

Vancouver Public Schools partners with Central Washington University for Running Start in the High Schools, a program to earn college credit while taking classes at your high school. Students who meet eligibility requirements (junior or senior status, qualifying score on placement test) may participate, and there is no cost to students for one course per semester. Specific courses offered vary by school. See your counselor for details.
Appendix B – What is CTE College Articulation?

What is CTE College Articulation?

CTE College Articulation programs put high school students on the pathway to earning a degree from Clark College or Clackamas 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.

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<th>VFA</th>
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CCC = Clackamas Community College; CC = Clark College

For more information about the CTE College Articulation, visit the following web sites:
Clackamas Community College: [http://depts.clackamas.edu/acc](http://depts.clackamas.edu/acc)
Background:
The Running Start program provides a junior or senior in high school the opportunity to take courses at community colleges or technical colleges as part of the high school program. Credits received from transfer level (100 and 200) college courses count toward both high school graduation and community college degree programs.

The following is to assist students and parents in determining if Running Start classes are appropriate for them.

Students and parents should be aware when a student participates in a Running Start class, that student is starting a permanent college transcript which includes a college GPA.

Grades received at Clark College in Running Start classes will be used in computing the student's high school GPA. Marks/grades issued by Clark College cannot be changed or altered by the high school.

The transcript must show that the course(s) was taken at Clark College.

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. All 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 in Running Start at Clark College. The college communicates with students regarding Running Start classes (not parents).

Entrance into the Program:
In January-February of their sophomore or junior year, interested students will be tested by the college to measure entrance qualifications for fall entry. In addition, juniors and seniors may test in October for winter quarter entry and December for spring quarter entry. Students who do not qualify on one or more parts of the test can re-test at any time in the Clark College COMPASS testing lab for a small fee. After the first re-test, students must wait 3 months to re-test again.

To be admitted to the Running Start program, students must have completed the sophomore year in high school, earned at least 10 high school credits, and pass the Running Start examination.

Each student and parent will be notified before the testing period about the requirements for entrance into the Running Start program and the benefits of the program.

After testing, qualified students must meet with their high school counselor to forecast any courses to be used to meet high school requirements.

Parents and students must attend an orientation to be used to meet high school requirements.

After Entering the Program:
Students will be treated as college students while in attendance at community college. Parents do not have access to information about college attendance and grades.

Students will be treated as a high school student while in attendance at high school.

To continue, students must maintain a minimum college grade point average of 2.0.

Running Start acceptable equivalent courses are listed on the next page.

For all other courses, the Chief of Secondary Education will evaluate and determine course comparability and determine how many credits to award for the course(s) requested.

A junior is defined as any student who has completed four (4) semesters of high school, and at least 10 high school credits.

The following credit equivalencies have been established by our Running Start committee:

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<th>High School Credit</th>
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The credit equivalencies are the same for all Vancouver School District High Schools.

The maximum length of enrollment in the community college is two year (six quarters) for a Grade 11 student and one year (three quarters) for a Grade 12 student. Once enrolled, the student may not be displaced by another as long as deadlines are met and a minimum college GPA of 2.0 is earned.

High School and Running Start classes must be scheduled to NOT overlap or require missing all or part of either class.

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.

A school district must grant academic credit to a pupil enrolled in a Running Start course for high school credit if the pupil successfully completes the course. If no comparable course is offered by the school district, the school district superintendent shall determine how many credits to award for the course.

Transportation to and from the community college or technical college, as well as books and lab fees, are the responsibility of the student and parent/guardian. Students who qualify for free/reduced lunch may qualify for book reduction at Clark College.

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 as well.

APPENDIX C – RUNNING START
The Vancouver School District only accepts the following courses as equivalent courses to meet graduation requirements. NO EXCEPTIONS.

Note: Students must take one composition and one literature elective course in both the junior and senior years to fulfill the Vancouver School District’s English requirements.

<table>
<thead>
<tr>
<th>High School Course</th>
<th>Required High School Credits</th>
<th>College Course Title</th>
<th>College Course #</th>
<th>College Credits</th>
<th>High School Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11</td>
<td>1.0</td>
<td>Composition for Literature</td>
<td>ENGL 110</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>English Composition or Writing About Sciences</td>
<td>ENGL&amp; 101 or ENGL 109</td>
<td>5.0</td>
<td>1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>American Literature</td>
<td>ENGL 268, 269, or 270</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>American Multiethnic Literature</td>
<td>ENGL 267</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td>English 12</td>
<td>1.0</td>
<td>Composition for Literature</td>
<td>ENGL 110</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>English Composition or Writing About Sciences</td>
<td>ENGL&amp; 101, ENGL&amp; 102, or ENGL 109</td>
<td>5.0</td>
<td>1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Technical Writing</td>
<td>ENGL 135</td>
<td>5.0</td>
<td>1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>British Literature</td>
<td>ENGL 264, 265, or 266</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Shakespeare</td>
<td>ENGL 272</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science Fiction &amp; Fantasy</td>
<td>ENGL 143</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Classical Mythology</td>
<td>ENGL 150</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Poetry</td>
<td>ENGL 131</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Novel</td>
<td>ENGL 156</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Drama</td>
<td>ENGL 132</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td>Washington State History</td>
<td>0.5</td>
<td>Pacific Northwest History</td>
<td>HIST&amp; 214</td>
<td>5.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Note: Students must take two (2) of the following to substitute for Vancouver School District U.S. History (At least one of the two must be HIST& 146, 147, 148).

<table>
<thead>
<tr>
<th>U.S. History</th>
<th>1.0</th>
<th>U.S. History</th>
<th>HIST&amp; 146, 147, 148</th>
<th>5.0</th>
<th>1.0</th>
</tr>
</thead>
</table>

If a student chooses to take only one of the above U.S. History classes, then they need to choose one from the following list.

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of Women in U.S.</td>
<td>HIST&amp; 215</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Race &amp; Ethnicity in the U.S.</td>
<td>SOC 131</td>
<td>3.0</td>
<td>0.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>African American History</td>
<td>HIST 275</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American National Government &amp; Politics</td>
<td>POLS 111</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Students must take two (2) of the following to substitute for Vancouver School District CWP (At least one of the two must be *ECON 101, 107, 120, BUS 105, GEOG 107, or POLS& 203).

<table>
<thead>
<tr>
<th>CWP</th>
<th>1.0</th>
<th>Economic Geography</th>
<th>*ECON 107 or GEOG 107</th>
<th>5.0</th>
<th>1.0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Intro to Economics</td>
<td>ECON 101</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to International Business</td>
<td>BUS105</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>International Economics</td>
<td>ECON 120**</td>
<td>3.0</td>
<td>0.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>International Relations</td>
<td>POLS&amp; 203</td>
<td>5.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

If student chooses to take only one of the above, then they need to choose one from the following:

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Geopolitics of the Middle East</td>
<td>POLS 220</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Geopolitics of Africa</td>
<td>POLS 221</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Geopolitics of China, Japan, and East Asia</td>
<td>POLS 222</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Geopolitics of South and Central Asia</td>
<td>POLS 223</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women Around the World</td>
<td>WS 201</td>
<td>5.0</td>
<td>0.6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: ECON 107 and GEOG 107 are the same course. Clark College will not award credit for both.

**Pre-requisite: Completion of Econ 101 with a “C” or better grade beginning Spring 2009.
ASSESSMENTS REQUIRED FOR GRADUATION

Statewide testing is important because it helps ensure all public school students, no matter where they go to school, receive a quality education. Washington students are regularly tested by the state to assess their progress as they move through elementary and middle school.

In high school, students are tested on their proficiency of basic skills and content knowledge and must pass specific assessments to be eligible to graduate.

<table>
<thead>
<tr>
<th>Class of...</th>
<th>English Language Arts</th>
<th>Mathematics</th>
<th>Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td><strong>Choose 1:</strong></td>
<td><strong>Choose 1:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Reading AND Writing HSPE</td>
<td>• Algebra 1/EOC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Smarter Balanced ELA test (exit exam score)</td>
<td>• Geometry/EOC</td>
<td>Biology EOC (until Next Gen Science Standards)</td>
</tr>
<tr>
<td>2017 and 2018</td>
<td><strong>Smarter Balanced ELA test (exit exam score)</strong></td>
<td>• Algebra 1/EOC Exit Exam</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Geometry/EOC Exit Exam</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Smarter Balanced math test (exit exam cut score)</td>
<td></td>
</tr>
<tr>
<td>2019 and Beyond</td>
<td><strong>Smarter Balanced ELA test (cut scores to be determined by State Board of Education)</strong></td>
<td><strong>Smarter Balanced</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(cut scores to be determined by State Board of Education)</td>
<td></td>
</tr>
</tbody>
</table>

High School Proficiency Exam (HSPE)
This test measures the proficiency of students in high school and serves as the state’s exit exam. Students must pass this assessment or a state-approved alternative in reading and writing in order to be eligible to graduate.

End-of-Course Exit Exams (EOC)
End-of-course exit exams for Algebra and Geometry were implemented statewide in the 2011 school year to replace the Mathematics portion of the HSPE. The End-of-course assessment for Biology was implemented statewide in 2012, replacing the Science portion of the HSPE.

Smarter Balanced Tests
Beginning in the 2014-15 school year, subjects included in the Common Core will be assessed using the Smarter Balanced system. Meeting standard on an 11th-grade Smarter Balanced test is a state-approved assessment alternative for ELA and math for the classes of 2015, 2016, 2017 and 2018. Starting with the Class of 2019, meeting standard on the Smarter Balanced tests will be required for high school graduation.

All Washington state high school students must show they have key reading and writing skills by graduation. Most students will meet this requirement by passing a state exam. Some students with strong skills, however, may need to use an assessment to demonstrate their skills. For these students, state-approved alternatives are available, called Certificate of Academic Achievement (CAA) Options.

WHAT ARE THE THREE CAA OPTIONS?

GPA Comparison
A student’s grades in English courses and/or math courses are compared with the grades of students who took the same courses AND passed the HSPE. This option is available to students in their 12th grade year.

Advanced Placement and College Admission Test Scores
Students may use their scores on the SAT reading and math reasoning tests, ACT reading and math tests, and specified Advanced Placement examinations to show they have key skills.

Collection of Evidence (COE)
The COE is an evaluation of a set of work samples based on classroom work prepared by the student with instructional support from a teacher. It leads to a Certificate of Academic Achievement and is one of three alternative assessments available to Washington high school students. Students must meet eligibility criteria to access the COE.
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:

- **PLATO**: Computer-based curriculum which allows students the opportunity to complete coursework from previously failed classes and receive a passing grade and credit. A fee will be charged per semester if taken beyond the 6 period day. Students may complete as many courses as time permits during the semester. Contact the counselor for registration and payment information.

- **Supplemental Online Courses**: Courses offered on-line include Washington State History, health, and CWP (available second semester only). Attendance at an orientation, in addition to completion of assignments using internet access is required. A fee will be charged per course. Contact the counselor for registration and payment information.

- **Summer School**: PLATO computer-based curriculum for credit recovery in English, math, social studies and non-lab science. Physical education and senior project credit will also be available. Morning, afternoon and evening sessions may be available, and students may register for multiple sessions. A fee will be charged per session. 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. Catalogs are available in the high school counseling center. Costs generally range from $100 to $125 per 0.5 credit, plus books.

- **Clark College Class with Admissions Exception**: Form must be completed and approved in advance and student must pass the COMPASS test, proving ability to handle college-level coursework. Student must pay own tuition. Application forms are available from any high school counselor.

- **Clark County Skills Center Summer School**: No Cost! Students can earn 0.5 miscellaneous credits. Contact Skills Center at 604-1050, or ANY Vancouver School District high school career center for information.

- **ESD 112 Credit Recovery**: Eight-week program, $100 per 0.5 credit. Call 750-7500, ext. 290.