

HUDSON'S BAY HIGH SCHOOL CURRICULUM GUIDE

'20-'21



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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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Vancouver School District #37 Notice of Nondiscriminatory Policy

The Vancouver School District does not discriminate on the basis of race, creed, color, religion, sex, national origin, marital status, sexual orientation, including gender expression or identity, age, families with children, honorably discharged veteran or military status, the presence of any sensory, mental, or physical disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts of America, and other designated groups.

You may also contact any of the following people by writing to them at Vancouver School District, PO Box 8937, Vancouver, Washington 98668-8937 or by calling 360-313-1000: ADA, Affirmative Action, Civil rights compliance coordinator–Kathy Everidge; Section 504–Tamara Shoup; Individuals with Disabilities Education Act (IDEA)–Daniel Bettis; Title IX Elementary–Debra Hale; Title IX Secondary–Chris Olsen; Athletic Equity–Jim Gray. This notification can be provided in the appropriate language for communities of national origin and minority persons with limited English language skills by contacting 360-313-1250.

Secondary Academic Programs of Choice A Personalized Education

Dear students and VPS families,

In Vancouver Public Schools, we want students to explore their interests, develop their talents and discover what they're passionate about doing after they graduate. We're proud to offer our students many choices in the focus of their learning, including:

- Architecture, construction and environmental sciences in the ACES Magnet at Hudson's Bay High School
- Blended and experiential learning at Vancouver Flex Academy
- At Fort Vancouver High School Center for International Studies:
 - Globally focused studies (school-wide)
 - Careers in Education program
 - Medical Arts program
 - Culinary Arts program
 - Welding/Fabrication Technology program
- International Baccalaureate Programme at Columbia River High School
- Science, technology, engineering and math programs at Skyview High School and Vancouver iTech Preparatory
- Arts—from music and dance to theatre and moving image arts—at Vancouver School of Arts and Academics
- Pathways for middle and high school students who have been enrolled in one of our three language learning programs
- Career and technical education classes, including horticulture, video production and business
- Automotive technology, criminal justice, cosmetology, aviation and many more programs through Cascadia Tech Academy
- Dual credit classes through the College in the High School program, Running Start, Advanced Placement, International Baccalaureate and some career and technical education classes

Learn more about all the options in this curriculum guide and at <https://vansd.org>.

Our highly dedicated teachers, support staff and mentors are available to answer questions and guide you. We're excited to help you prepare for your future!

Sincerely,



Steven T. Webb, Ed.D.
Superintendent

Secondary Academic Programs of Choice A Personalized Education

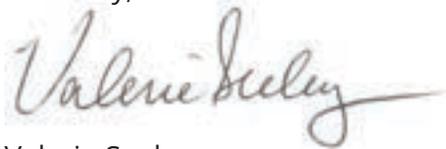
Dear Bay Students and Families,

My primary role as principal is that of the building instructional leader. I am very proud of the instruction delivered to students at Hudson's Bay High School through the strategies of our teachers and support staff. Every student deserves access to academic rigor and our number one goal is to make sure that students are challenged at every level. We also work to create an environment and culture where students feel safe, secure, and supported in their learning. In this type of environment, students are more likely to be engaged in their academics. At Bay we are moving towards becoming a learning environment where teachers and students alike reflect on their learning and how those new skills can benefit them after high school, while teachers look for continuous improvement in their instruction.

Please take the time to review this curriculum guide. It contains all the information families need to make informed decisions about students' academic program, both here at Hudson's Bay and into the future.

If you have any questions regarding the contents of this handbook, please call. We're looking forward to working with you; this is going to be an excellent year!

Sincerely,



Valerie Seeley
Principal

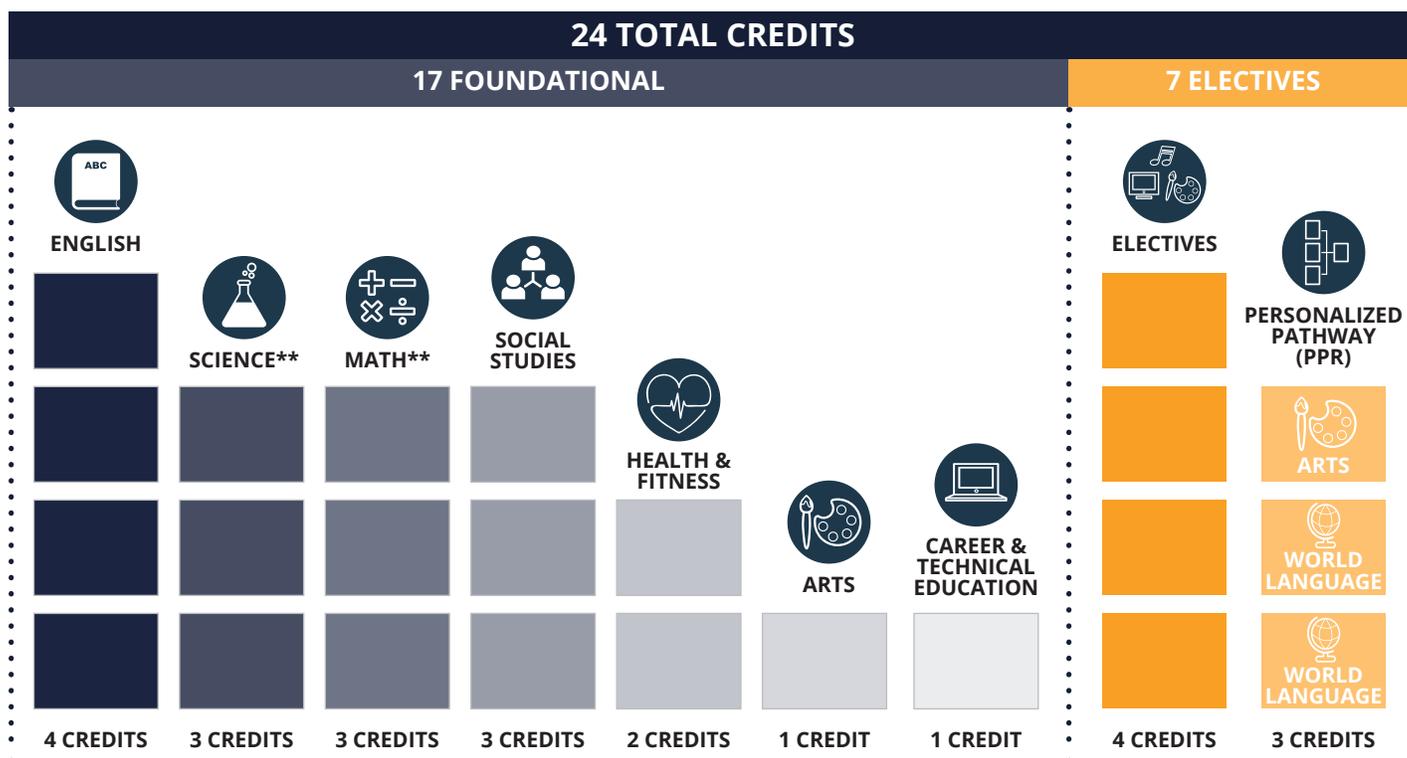
Vancouver Schools Graduation Information

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

Non-Credit:

1. **High School & Beyond Plan** - A tool to guide students through high school and think about their future. Plans are personalized and designed in <https://login.xello.world/> to help students set, visualize, and work to achieve goals. See Page 6 for additional information.
2. **Washington State History** - Usually met in 7th grade in middle school. If not, 1.0 of World Themes: Washington Perspectives or a competency-based course fulfills this requirement.

Minimum Credit Requirements for High School:



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

Graduation Pathways: Class of 2020 and Beyond

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

Five-Year Planning Sheet – 2020 and Beyond

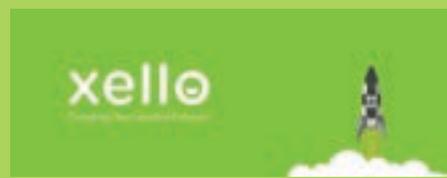
Credit Requirements						
Subject	College and Career Graduation Reqs	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Post-High School Plan (circle your plan)
Visual or Performing Art	2.0	1 credit can be PPR				Four-year college or university (special entrance requirements) Two-year college, transfer to four-year college (high school diploma required) Professional/Technical Training <ul style="list-style-type: none"> • Community College • State Technical School • Other specialized school or college (high school diploma required) Military <ul style="list-style-type: none"> • Enlist (high school diploma required) • ROTC (special entrance requirements) • Prep. School (special entrance requirements) • Academy (special entrance requirements) Apprenticeship (high school diploma required) Work; On-the-Job Training (high school diploma required)
English	4.0	English	English	English *AP options recommended for college entrance	English *AP options recommended for college entrance	
Math**	3.0	Math (Algebra)	Math (Geometry)	Math (Algebra 2 or math aligned with PPR)	*A math class or math based science in the senior year is required for college entrance	
Social Studies	3.0		World Themes/ WA State Perspectives	U.S. History *AP options recommended for college entrance	CWP *AP options recommended for college entrance	
Science	3.0	Environmental Science or Biology	Biology or Chemistry or Physics	Chemistry or Physics	*A math class or math based science in the senior year is required for college entrance	
CTE	1.0	CTE courses aligned with HSBP				
P.E.	1.5	P.E.	P.E.			
Health	0.5	Health (9 th or 10 th)				
Elective	4.0					
World Language	2.0	Both can be PPR				
TOTAL	24.0					

***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).
- 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.

REMINDER:

Make sure to look at the academic and class requirements for the colleges (2-year, 4-year, or technical) you are interested in attending.



HIGH SCHOOL & Beyond

Xello
Grades 6-12

4-Year
Course Plan
Grades 8-12

Family
Connection
Grades 6-11

Resume
11th Grade English

Budget
12th Grade
Social Studies

6th Grade

- Xello
 - Interests
(20 to 30 min.)

7th Grade

- Xello
 - Explore Learning Styles
(30 to 40 min.)
 - College Bound
Scholarship
(20 to 30 min.)

8th Grade

- Xello
 - Complete 4-Year Plan
in Course Planner
 - Skills
(30 to 40 min.)
 - Explore Career Matches
(30 to 40 min.)
 - College Bound
Scholarship
(20 to 30 min.)

9th Grade

- Xello
 - Update 4-Year
Plan in Course
Planner
 - Getting
Experience
(20 to 30 min.)

10th Grade

- Xello
 - Update 4-Year
Plan in Course
Planner
 - Workplace Skills
and Attitudes
(20 to 30 min.)

11th Grade

- Xello
 - Update 4-Year
Plan in Course
Planner
 - Resume
 - Choosing a
College or
University
(40 to 50 min.)
 - Goals and Plans
(20 to 30 min.)

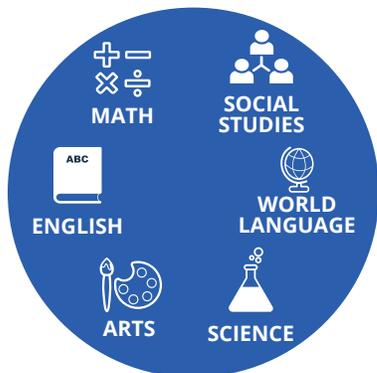
12th Grade

- Xello
 - Job Interviews
(20 to 30 min.)
 - Goals and Plans
(20 to 30 min.)
 - Financial Aid
(20 to 30 min.)
 - Budget

The HSBP is shared and reviewed with parents each year and marked complete for 12th graders when they have completed all required Xello activities.

Post Secondary Success

MINIMUM COLLEGE ADMISSIONS STANDARDS at Washington's Public Four-Year Colleges



REQUIRED CREDITS

- 4 credits of English
- 3 credits of Math (including Algebra II or higher)
- Senior year quantitative math or science
- 3 credits of Social Studies
- 3 credits of Science
- 2 credits of the same World Language
- 1 credit of Arts



GPA

- Maintain at least a 2.0 grade point average



SAT and ACT

- Take the SAT or ACT
- Have the scores sent directly to the colleges you want to attend

CAREER/TECHNICAL AND COMMUNITY COLLEGE REQUIREMENTS

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

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

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

REQUIREMENTS FOR MILITARY SERVICE

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

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

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

ASVAB

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

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

Clark College Course Similarity Matrix

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

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

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

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

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

Algebra 1	B or better	MATH 090	MATH 095 or 096
Algebra 2 or Honors Algebra 2	B or better	MATH 095	MATH 103, 105, 107, 111, 122, 146 NOTE: MATH 103 and 111 are demanding courses. Students with a "B" in Algebra 2 should seriously consider taking MATH 095 before enrolling in MATH 103 or MATH 111.
Honors Advanced Algebra & Trig	B or better	MATH 111	MATH 103, 105, 107, 122, 146, 148 NOTE: Students with a "B" or better in Honors Advanced Alg. & Trig. may enroll in MATH 140 or MATH&151 if they pass MATH 103 with a "C" or better.
Modeling Our World with Mathematics	B or better	MATH 090	MATH 095 or 096
Advanced Math with Applications	B or better	MATH 090	MATH 095 or 096
College Algebra (CiHS MATH 111)	C or better	MATH 111	MATH 103, 105, 107, 122, 146, 148 NOTE: Students with a "C" or better in CiHS MATH 111 may enroll in MATH 140 or MATH& 151 if they received a "C" or better in CiHS MATH 103.
College Trig (CiHS MATH 103)	C or better	MATH 103	MATH 105, 107, 111, 122, 146 NOTE: Students with a "C" or better in CiHS MATH 103 may enroll in MATH 140 or MATH& 151 if they received a "C" or better in CiHS MATH 111 or if they receive an ALEKS score that places into Math 148.
IB Math Studies I	B or better	MATH 095	MATH 103, 105, 107, 111, 122, 146
IB Math Studies II	B or better	MATH 095	MATH 103, 105, 107, 111, 122, 146
IB Precalc/Trig/Stats	B or better	MATH 103 and MATH 111	MATH 140, MATH& 151
Precalculus	B or better	MATH 111	MATH 103, 105, 107, 122, 146, 148 NOTE: Students with a "B" or better in Precalculus may enroll in MATH 140 or MATH& 151 if they pass MATH 103 with a "C" or better.
AP Calculus AB*	C	MATH& 151	MATH& 152
AP Calculus AB*	B or better	MATH& 152	MATH& 153
IB Calculus Methods	C or better	MATH& 151	MATH& 152
AP Calculus BC* (Formerly Calculus II)	C	MATH& 152	MATH& 153
AP Calculus BC*	B or better	MATH& 153	MATH& 254

AP Stats

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

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

Scholarships and Financial Aid

WHERE CAN I LOOK FOR SCHOLARSHIPS?

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

TheWashBoard.org: thewashboard.org

FastWeb: fastweb.com

Beyond Dreaming Scholarship List: scholarshipjunkies.org

College Board: bigfuture.collegeboard.org

WHAT TYPES OF SCHOLARSHIPS CAN I APPLY FOR?

Academic/Merit: Based on GPA, test scores and/or coursework

Athletic: Based on athletic performance

Creative: Based on talent in art, music, dance

Community service: Based on involvement in your school or community

Diversity: Based on race, ethnicity, family heritage, religion, sexual orientation, etc.

Need: Based on financial need

Other: Leadership, alumni, etc.

College Bound Scholarship

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

Requirements to receive the College Bound Scholarship

1. Academic requirements to receive the College Bound Scholarship (CBS).

You must:

- **Graduate** from a Washington State High School
- Have a **2.0 cumulative GPA or higher** (the average of all high school classes)

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

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

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

Scholarships and Financial Aid

FINANCIAL AID INFORMATION

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

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

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

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

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

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

COLLEGE ENTRANCE ASSESSMENTS

PSAT - (Preliminary Scholastic Aptitude Test)

(PSAT School Day administered each Fall on high school campuses for grade 10 students at no cost)

The PSAT offers students reliable information about their scholastic abilities in relation to other students in high schools across the nation and students who have already entered college. Results of this test may qualify students for scholarship awards.

SAT - (College Entrance Examination Board Scholastic Aptitude Test) Grades 11 and 12

(SAT School Day administered each Spring on high school campuses for grade 11 students at no cost)

The SAT is accepted by most public and private colleges in Washington State and by many out-of-state institutions. Students enlisted in military academics or applying for ROTC scholarships are encouraged to take the SAT in the spring of their junior year. The SAT may be taken more than once.

ACT

(American College Test) Grades 11 and 12

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

REMINDER:

Make sure to look at the academic and class requirements for the colleges (2-year, 4-year, or technical) you are interested in attending.



Dual Credit Opportunities

Get a head start on your future and earn credit for both high school and college, simultaneously.

Advanced Placement (AP)/International Baccalaureate (IB)



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

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

Running Start

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



College in the High School (CHS)



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

Career & Technical Education (CTE) College Articulation

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

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



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

(ed.gov/US Department of Education)

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS

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

CORE COURSES

Visit eligibilitycenter.org/courselist for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

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

ENGLISH	MATH (Algebra I or higher)	NATURAL/PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

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

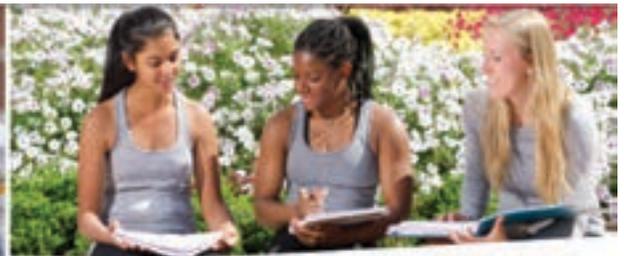
- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

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

TEST SCORES

Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code **9999**) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will use the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript.



HIGH SCHOOL TIMELINE

9TH GRADE



- Start planning now! Take the right courses and earn the best grades possible.

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

10TH GRADE



- If you fall behind academically, ask your counselor for help finding approved courses you can take.

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

11TH GRADE



- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.

- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

12TH GRADE



- Complete your final NCAA-approved core courses as you prepare for graduation.

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

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

$$4 \times 4 = 16$$

9TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

10TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

11TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

12TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

For more information: ncaa.org/playcollegesports | eligibilitycenter.org

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: @NCAAEC @playcollegesports @ncaaec

NCAA is a trademark of the National Collegiate Athletic Association.

Vancouver Schools Credit Information

CLASS STANDING TOWARDS GRADUATION

Students are placed in a grade level based on when they enter 9th grade. In order to graduate on time (4 years after entering 9th grade) students must make satisfactory progress each year earning required credits towards graduation.

9th Grade – 6 credits earned by end of school year

10th Grade – 12 credits earned by end of school year

11th Grade – 18 credits earned by end of school year

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

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

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

EQUIVALENCY and 2-for-1 CREDIT

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

CREDIT EARNED BEFORE HIGH SCHOOL

Beginning with the school year 2019-2020, credit earned before high school is automatically applied to the high school transcript unless students/families choose to opt out. Students can opt out by making a request in writing. Students/families can request that the courses be non-numerical grades (Pass/Fail) or removed completely.

Mathematics and Science

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

HIGH SCHOOL CREDITS FOR SPECIFIC COURSES IN GRADES 7 AND 8

Students currently enrolled in grades 9 through 12 in Vancouver Public Schools may petition for high school credit toward graduation if they have successfully completed a world language.

World Language

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

Spanish and Mandarin Language Learning

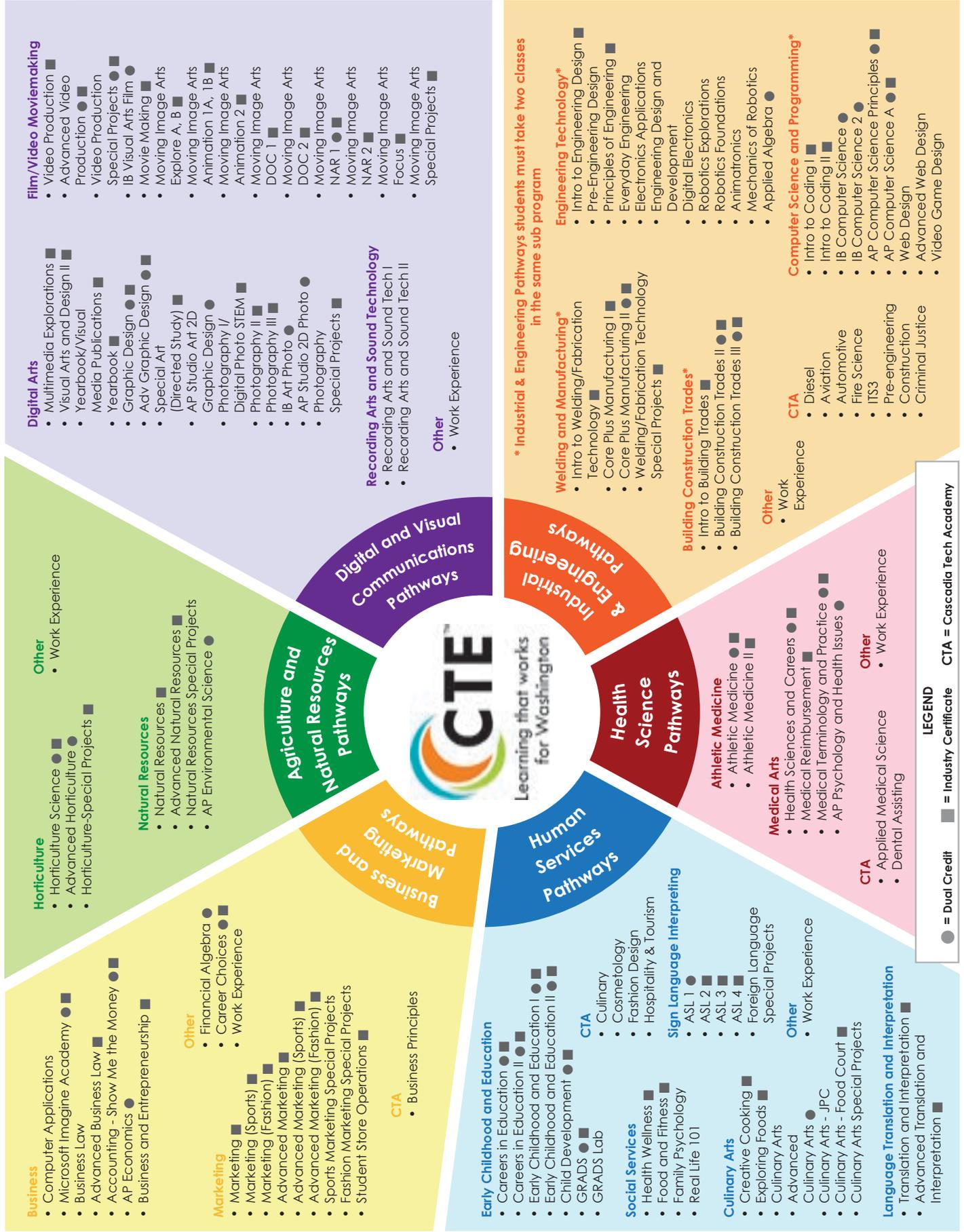
Secondary Language Learning Pathway programs at the middle school level include two periods of instruction in the target language daily. Students enrolled in these programs may, upon (1) recommendation for placement into Year 3 instruction at 9th grade and (2) successful completion of Year 3 in 9th grade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

CREDIT/NO CREDIT GRADING OPTIONS

Vancouver high schools permit an alternative grading system (credit/no credit) as follows:

- The request for credit/no credit must be initiated by the sixth week of the semester.
- Once the option has been approved, it remains in place for the semester. There will be no changes back and forth from grading on CR/NC.
- **The CR/NC grading option is only for elective courses and world language competency credit.**
- **Courses required for high school graduation are not eligible for the alternative grading system.**
- "CR" (credit) – The student's achievement demonstrates satisfactory progress in the mastery of knowledge and skills presented in the course.
- The "CR" or "NC" marks are not computed as part of the student's high school grade point average.
- **The NCAA (National Collegiate Athletic Association) computes courses taken credit/no credit as a "D" in its core course calculation.**

CTE Career Fields & Programs of Choice



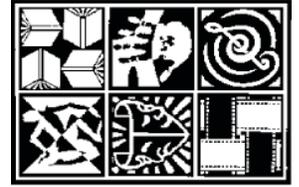
LEGEND

- = Dual Credit
- = Industry Certificate
- CTA = Cascadia Tech Academy

Arts & Academics School of Choice

VSAA (Vancouver School of Arts & Academics)

The Vancouver School of Arts and Academics offers a complete middle school and high school program where the arts are at the core of an interdisciplinary curriculum. All students study science, mathematics, social studies, English, and health, as well as artistic studies in dance, music, theatre, literary arts, visual arts, and moving image arts. The daily atmosphere of creative work, self-discipline, and collaboration prepares students for success in college, career, and life. Advanced Placement courses are available in English, history, government, math, and visual art. World Language and Career and Technical Education courses are offered as well. All students at VSAA have the opportunity to explore each of the six art forms. At the high school-level, students progress into the more advanced focus level classes for their chosen art forms. Students may also participate in a variety of artistic and academic after-school clubs and activities. (All students must attend the school full time.)



PROGRAM REQUIREMENTS FOR VSAA

4.0 Credits	English
3.0 Credits	Mathematics
3.0 Credits	Social Studies
3.0 Credits	Science
*1.5 Credits	PE/Dance
.5 Credit	Health
6.0 Credits	Arts, including Interdisciplinary Arts Core
*1.0 Credit	Occ. Education
2.5 Credits	Electives

APPLICATION PROCESS

VPS offers a fully online magnet application posted on our website.



CAREER OPPORTUNITIES/COLLEGE CONNECTIONS

- Guidance Counseling center offers College and Career planning assistance.
- Focus level arts classes provide pre-professional “real world” learning experiences.
- Students may participate in a variety of community internship opportunities.

TOTAL = 24.5 Credits

*completed by taking art credits

Sample Schedule for Full-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
PAP English	PAP English	AP English Literature or World Literature	AP English Language or American Literature
Biology	Environmental Science or Fine Arts	CWP or AP Comparative Government and Politics	AP U.S. History or U.S. History
Health/Fine Art/Dance	AP Human Geography or World Themes: WA Perspective	Chemistry	Physics
Math	Math	Math	Math
World Language/Fine Art	World Language/Fine Art/Dance	Fine Art	Fine Art
Fine Art	Fine Art	Fine Art	Fine Art
Interdisciplinary Arts Core	Interdisciplinary Arts Core	Interdisciplinary Arts Core	Interdisciplinary Arts Core



Bay ACES

Hudson's Bay High School

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

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

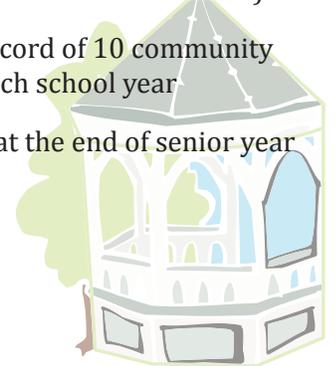
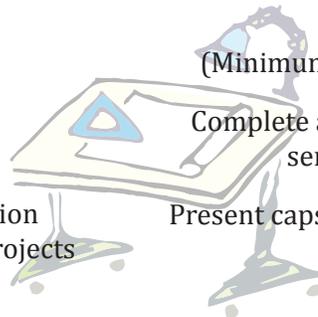


CURRENT ACES COURSE OFFERINGS

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

MAGNET REQUIREMENTS

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



Sample Schedule for Full-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 9	English 10	English 11	Senior English
ACES Course	ACES Course	ACES Course	ACES Course
Math	Math	Math	ACES Course or Elective
PE	PE	ACES Course or Elective or World Language	ACES Course or Elective or World Language
PE	Health	U.S. History	CWP
Art	World Themes	Science	ACES Course or Elective
Science	Science		



Center for International Studies

Fort Vancouver High School

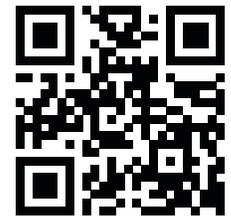
Fort Vancouver High School Center for International Studies is part of the Asia Society's International Studies Schools Network. Fort's Center for International Studies school-wide program develops students' global competence by actively engaging students in all coursework to positively impact our world. Globally competent students:

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

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



International Studies
Schools Network



Fort Vancouver High School Center for International Studies graduates are globally aware and engaged citizens who are college-, career- and life-ready.

For more information, please visit:

Fort Vancouver High School Center for International Studies <http://fort.vansd.org>

International Studies Schools Network <http://asiasociety.org/international-studies-schools-network>

Sample Schedule for Full-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Freshman English (Standard/Pre-AP)	Sophomore English (Standard/Pre-AP)	Junior English (Standard/AP)	Senior English (Standard/AP)
OCC or other elective	World Themes: WA Perspective (Standard/Pre-AP)	U.S. History (Standard/AP)	CWP (Standard/AP)
Math (Algebra or higher)	Math (Geometry or higher)	Math (Algebra II or higher)	Quantitative course (math or science)
Biology (Standard/Pre-AP)	Chemistry (Standard/Pre-AP)	Physics, AP Science, or Science elective	OCC, Science, or other elective
— — PE — —	— — Health — — PE	Elective	Elective
World Language	World Language	World Language	AP World Language



Careers in Education

Half-Day Program

Fort Vancouver High School, Center for International Studies

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

Careers in Education

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

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

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

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



Sample Schedule for Half-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Freshman English	Sophomore English	Junior English	Senior English
Art	World Themes: WA Perspective	Careers in Education (2 period block)	Careers in Education II (2 period block)
Math	Child Development (suggested)	Careers in Education (2 period block)	Careers in Education II (2 period block)
Science	Science	Science	Health - - - - - PE
World Language	World Language	U.S. History	CWP
Health - - - - - PE	Math	Math	Art OR PPR



Culinary Arts Half-Day Program

Fort Vancouver High School, Center for International Studies

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

Culinary Arts/Advanced Culinary

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



(Grades 10-12)

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

Sample Schedule for Half-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Freshman English	Sophomore English	Junior English	Senior English
Exploring Foods OR Horticulture	Culinary Arts (2 period block)	Advanced Culinary Arts (2 period block)	Culinary Arts - Passport Café OR Culinary Arts Special Projects (2 period block)
Art	Culinary Arts (2 period block)	Advanced Culinary Arts (2 period block)	Culinary Arts - Passport Café OR Culinary Arts Special Projects (2 period block)
Math	World Themes: WA Perspective	U.S. History	CWP
Science	Math	Math	Art OR PPR
PE — — — —	Science	Science	Health — — — — PE



Welding/Fabrication Technology

Half-Day Program

Fort Vancouver High School, Center for International Studies

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

Welding/Fabrication Technology



(Grades 10-12)

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



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

Sample Schedule for Half-Day Magnet

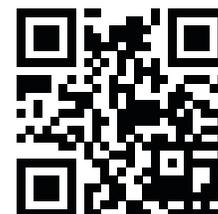
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Freshman English	Sophomore English	Junior English	Senior English
Intro to Welding/ Fabrication Technology	Welding/Fabrication Technology (2 period block)	Advanced Welding/ Fabrication Technology (2 period block)	Welding/Fabrication Technology Special Projects
Art	Welding/Fabrication Technology (2 period block)	Advanced Welding/ Fabrication Technology (2 period block)	CWP
Math	World Themes: WA Perspective	U.S. History	Art OR PPR
Science	Math	Math	Health — — — — — PE
PE — — — — — PE	Science	Science	*Elective



International Baccalaureate Magnet

Columbia River High School

International Baccalaureate is a worldwide honors program with an internationally designed curriculum stressing the importance of expertise in all academic areas and helping students develop critical thinking and research skills that will facilitate their success both at college and within the larger global society. The Pre-Baccalaureate program in grades 9 and 10 prepares students for the rigorous course of studies at the 11th and 12th grade. IB courses are offered in the areas of English/Literature, Mathematics, French, Spanish, German, History, Global Politics, Biology, Chemistry, Physics, Computer Science, Art, Music and Film/Movie Making. Successful completion of one or more of these courses and exams leads to college credit recognized at universities throughout the world. Completion of the entire IB Diploma Program may result in priority admission to universities, increased college credit and additional scholarship opportunities. Throughout both stages of the program, students are encouraged to develop their skills in time management and problem solving, view multiple perspectives and reflect on their learning as they apply it to new situations.



INTERNATIONAL BACCALAUREATE DIPLOMA

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

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

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

CAREER OPPORTUNITIES COLLEGE CONNECTIONS

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

Sample Schedule for Full-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
PB English 9	PB English 10	IB English 11	IB English Seminar
PB Biology	PB Chemistry	IB Biology 2 or IB Chemistry 2 or IB Physics	IB Biology 3 or IB Chemistry 3 or IB Physics 2
PB Geometry or higher	PB Algebra 2 or higher	IB Pre-Calc/Trig/Stats or higher or IB Math Studies	IB Calculus Methods or higher or IB Math Studies 2
World Language - Spanish, French, or German (Same language all 4 years)	World Language - Spanish, French, or German (Same language all 4 years)	World Language - Spanish, French, or German (Same language all 4 years)	World Language - Spanish, French, or German (Same language all 4 years)
Elective - PE and Health	PB World Themes: WA Perspective	IB History of Americas	IB Modern World History
Art elective or Occupational Education Elective	Elective - Visual Art, Music, Video Production, Photography, or Pottery	Elective - IB Art, IB Music, IB Film, IB Photography, IB Pottery, IB Global Politics, IB Computer Science, 2 nd World Language, or 2 nd IB Science	Elective - IB Art, IB Music, IB Film, IB Photography, IB Pottery, IB Global Politics, IB Computer Science, 2 nd World Language, or 2 nd IB Science
		Theory of Knowledge (2 nd Semester)	Theory of Knowledge (1 st Semester)

Vancouver iTech Preparatory

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



Sample Schedule for Four Year Plan

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English	English	English	English
Math	Math	Math	Math
Biology	Physics	Chemistry	Lab Science
Spanish	Spanish	Spanish*	Spanish*
AP Human Geography	Global Forum Social Studies Elective	AP U.S. History	AP Government
Visual Art/Design II	Pre-Engineering Design	Elective/STEM Elective**	Elective/STEM Elective**
PE/Health	Biomechanics of Movement	Elective/STEM Elective**	Elective/STEM Elective**
Elective/STEM Elective**	Elective/STEM Elective**	Elective/STEM Elective**	Elective/STEM Elective**

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

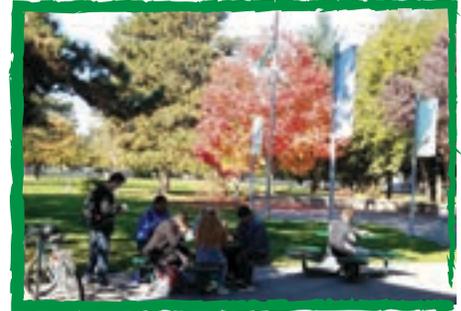
**Students are required to take eight electives, four of which must be STEM related.

***Early college classes must meet iTech program requirements and may begin as early as the spring of 9th grade.



Vancouver Flex Academy

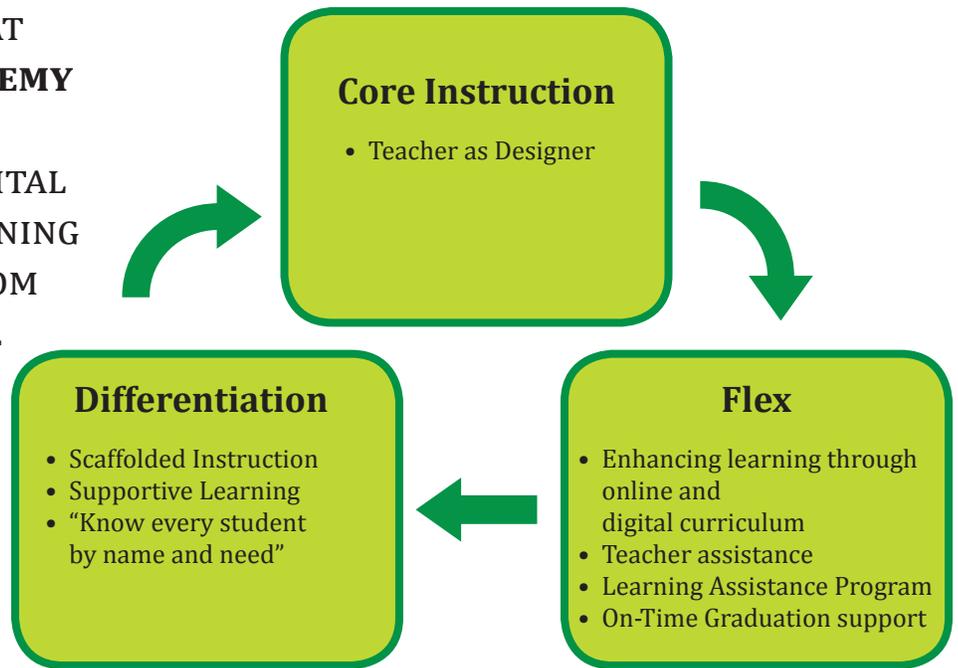
Vancouver Flex Academy is a school of choice with a small school environment for motivated, hard-working students who will excel in a unique school setting. Flex Academy uses a learning model that combines face-to-face instruction with online, digital and experiential learning to prepare students for college, career and life readiness. At Flex Academy, students attend five full days per week. Students who choose to attend Flex Academy learn to take responsibility for themselves and their education as they prepare for college and beyond.



BLENDED LEARNING AT VANCOUVER FLEX ACADEMY IS THE PRACTICE OF COMBINING ONLINE, DIGITAL AND EXPERIENTIAL LEARNING TO ENHANCE CLASSROOM BASED INSTRUCTION.



<http://vansd.org/choices/flex/>



Why Vancouver Flex Academy?

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

Flex Students Demonstrate:

- Quality work completion
- Commitment to improvement
- Positive behavior choices
- Consistent attendance
- Acceptance of self and others as equals
- Respect for diversity
- A culture of achievement





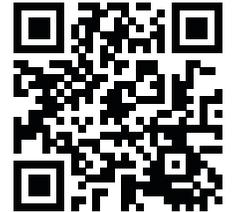
Medical Arts Magnet

Fort Vancouver High School

The mission of the Medical Arts Magnet of Fort Vancouver High School is to introduce students to the expanding field of health care. The magnet is a four-year program with a curriculum that focuses on a selected body of knowledge, skills and attitudes needed for careers in the health care fields.



Students will use health, wellness, science, math, technology and medicine as a central theme around which they will structure their high school experience. The four core classes for the magnet include: Health Sciences and Careers, Athletic Medicine, Medical Terminology and AP Psychology. Magnet students in good academic standing will be eligible to participate in four hours of field experience in their junior and senior years. Upon graduation, magnet students will have the skills or the base knowledge to continue in a technical or two/four year college experience.



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

REQUIREMENTS FOR A MEDICAL ARTS ENDORSEMENT WITH HONORS

- Official acceptance to the Program
- Maintain good attendance
 - Cumulative GPA of 3.4
- Completion of Required Courses:
 - Health Sciences & Careers
 - Athletic Medicine
 - Medical Terminology & Practice
 - AP Psychology
 - Field Experience 1 & 2
- Earn 4 credits in Advanced Science
- Earn 4 credits in Advanced Math:
 - Complete 8 or more hours of field experience
 - Complete 40 hours community service

REQUIREMENTS FOR A MEDICAL ARTS ENDORSEMENT

- Official acceptance to the Magnet Program
- Maintain good attendance
 - Cumulative GPA of 2.8
- Completion of Required Courses:
 - Health Sciences and Careers
 - Athletic Medicine
 - Medical Terminology and Practice
 - Psychology and Health Issues
- Earn 3 credits in Science:
 - Complete 8 hours of field experience
 - Complete 40 hours community service
- Meet VPS graduation requirements

APPLICATION PROCESS

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



Sample Schedule for Full-Day Magnet

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Math	Math	Math	Math
Health Services and Careers	Athletic Medicine	Medical Terminology & Practice/Field Experience	AP Psychology/Field Experience 2
Environmental Science, Biology, or Pre-AP Biology	Science or Pre-AP Science	Science/Elective (Chemistry/Human Anatomy & Physiology)	Science Elective (Zoology, AP Science)
Elective (PE, Foreign Language)	Elective (Visual or Performing Art, Foreign Lang., CTE Class)	Elective (Visual or Performing Art, Foreign Lang., CTE Class)	Elective PE
Freshman English	World Themes: Washington Perspectives	Junior English (Standard/AP)	Senior English (Standard/AP)
NextTools	Sophomore English	U.S. History (Standard/AP)	CWP (Standard/AP)



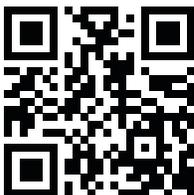
The Skyview SMT is dedicated to providing a challenging academic program that prepares students for college level study while letting them participate in a traditional high school experience. The program focuses on the integration of rigorous science, math, and technology content to solve difficult problems using a hands-on approach. Skyview SMT also offers Project Lead The Way pre-engineering, computer science courses, including video game programming courses. These courses emphasize problem-solving skills and design processes used by engineers and programmers that are incorporated with state-of-the-art technology and hands-on projects. Advanced Placement (college level) science and math classes are also offered to earn college credit for universities within the United States. Individual and group research, design projects and academic competitions allow students to experience the challenges of their future careers. If a student is considering a career with a foundation in science, engineering, technology or math, then successful participation in the Skyview SMT will ensure them the necessary course work to build a competitive transcript when applying for admission to future programs, colleges and universities.

Mission Statement:

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

The Three Skyview SMT Requirements

STUDENT CAPSTONE PROJECT	CREDIT	COMMUNITY SERVICE HOURS
All students are required to present a Science, Math, or Engineering research project at an SMT recognized competition and participate annually in the SMT Showcase at SHS during the month of May.	1 Credit SMT 9 th Grade English 3 Credits Lab Science 3 Credits Math 2 Credits Technology* 2 Elective Credits (in Science, Math, or Technology) 2 Credits World Language <hr/> 13 Total Credits	All SMT students are required to log 30 cumulative hours of community service by the end of their Senior Year



<http://vansd.org/choices/smt/>



*Includes PLTW Courses

GPA Requirement

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

Grades will be reviewed each semester and GPA for the term will be calculated. Any student not maintaining a 2.5 GPA will be placed on academic probation. Students who do not meet the 2.5 GPA requirement a second time during their enrollment in the program will be dismissed from the SMT Magnet.

Special Services

The goal of special education at the high school level is to prepare students for life beyond high school. There is a wide array of service options for students which is based each student's Individual Education Program (IEP). The student's IEP team determines appropriate accommodations and modifications that will support each student in both special and general education classes.

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

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

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

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

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

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

Please contact the Special Services department if you have any questions about your or your child's special education services. We will be happy to help.



The mission of the AVID (Advancement Via Individual Determination) elective is to ensure all enrolled students complete a sequence of courses that prepares them for post-secondary education. Through high expectations and strong relationships, this community of learners plan and prepare for success after high school.

AVID Elective for Grades 9 and 10	AVID Elective for Grades 11 and 12
<ul style="list-style-type: none"> Goal setting Career exploration Inquiry-driven study groups College visits PSAT preparation and reflection 	<ul style="list-style-type: none"> Goal setting Career and Post-secondary planning College visits Inquiry-driven study groups SAT/ACT preparation Post-secondary applications and essays Scholarships Financial aid

Requirements

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

Benefits

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



English/Literacy

GRADE LEVEL

9TH English 9 ◊, Honors English 9 ◊

10TH English 10 ◊, Honors English 10 ◊

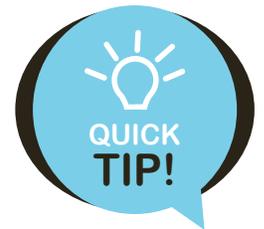
11TH English 11 ◊, AP/IB English 11 ◊, IB Language & Literature ◊

11TH and 12TH Our Voices: Arts in Action ◊, Planting the Seeds ◊ ‡, Technical Writing ◊

12TH Senior Composition ◊ (*subject focus varies dependent on school; Please see your counselor to explore your options*), Bridge to College ◊, Senior English ◊, AP Literature and Composition ◊, IB Senior English Seminar ◊



Four credits of English/Literacy



Course offerings vary by grade and/or by school. Check with your school counselor about course availability.

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

◊ CADR approved

‡ Dual Credit

⦿ Equivalency

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

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



Get **FREE** access to Vancouver Public Schools' career and college readiness platform: go to the web site <https://login.xello.world/>

21st Century Literacy

Course Code: 2111

21st Century Literacy is a one semester course for 9th grade students participating in the Freshman Academy Program. Students will develop literacy capacities to build strong content knowledge through critical reading and writing. They will strategically use technology to research, communicate and create products that involve using evidence from sources to respond to the demands of audience, task, purpose, and discipline.

English 9 A

Course Code: 2121

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

English 9 Academy A

Course Code: 2121A

This is the English 9 option for students selected to participate in the 9th grade academy. 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.

9th Grade Comprehensive Literacy A

Course Code: 211319

This course is a year-long, two-period block designed for students who need continued intensive literacy intervention to be successful in school. Individual needs will be directly addressed through adaptive and instructional software, high-interest literature, and direct instruction in reading and writing skills. High interest, age-appropriate reading in software, audio books, paperbacks, and other components will capture interest and provide support to promote literacy success.

English 9 B

Course Code: 2122

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

English 9 Academy B

Course Code: 2122A

This is the English 9 option for students selected to participate in the 9th grade academy. 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.

English/Literacy

9th Grade Comprehensive Literacy B

Course Code: 211329

This course is a year-long, two-period block designed for students who need continued intensive literacy intervention to be successful in school. Individual needs will be directly addressed through adaptive and instructional software, high-interest literature, and direct instruction in reading and writing skills. High interest, age-appropriate reading in software, audio books, paperbacks, and other components will capture interest and provide support to promote literacy success.

Honors English 9 A

Course Code: 2171

Honors 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, non-fiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

Honors English 9 B

Course Code: 2172

Honors 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, non-fiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

English 10 A

Course Code: 2211

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

English 10 B

Course Code: 2212

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

Honors English 10 A

Course Code: 2241

Honors 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, non-fiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

Honors English 10 B

Course Code: 2242

Honors 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, non-fiction, rhetoric, and poetry. Students will be expected to do a significant amount of reading outside of class.

English 11 A

Course Code: 2311

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

English 11 B

Course Code: 2312

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

AP Language and Composition A

Course Code: 2351

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.

AP Language and Composition B

Course Code: 2352

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.

AP Literature and Composition A

Course Code: 2371

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.

AP Literature and Composition B

Course Code: 2372

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.

Senior English A

Course Code: 2501

A major goal of Senior English is to reinforce the critical reading and academic writing needed in academic and real-world literacy. This course is designed for students who need continued support to meet state literacy standards at the level set by the State on the exit English Language Arts exam. Students have the opportunity to work independently and in small groups on literacy skills through close reading and through the writing process. Students will complete the Collection of Evidence to demonstrate achievement of state literacy standards as a required component of the class. Additional support and resources for completion of a senior research paper, High School and Beyond Plan (HSBP), and preparation for a post-secondary transition will be included.

Senior English B

Course Code: 2502

A major goal of Senior English is to reinforce the critical reading and academic writing needed in academic and real-world literacy. This course is designed for students who need continued support to meet state literacy standards at the level set by the State on the exit English Language Arts exam. Students have the opportunity to work independently and in small groups on literacy skills through close reading and through the writing process. Students will complete the Collection of Evidence to demonstrate achievement of state literacy standards as a required component of the class. Additional support and resources for completion of a senior research paper, High School and Beyond Plan (HSBP), and preparation for a post-secondary transition will be included.

Bridge to College English Language Arts A

Course Code: 2503

The Bridge to College ELA course is grounded in building critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the new state English language arts (ELA) learning standards for high school. Students will read complex nonfiction and fiction texts focusing on issues of both current and enduring importance; evaluate the credibility of information; critique others' opinions; and construct their own opinions based on evidence. By the end of the course, students will use strategies for critical reading, argumentative writing and independent thinking while reading unfamiliar texts and responding to them in discussion and writing. Students who earn a grade of B or better in this course are considered college ready in the state of Washington.

Bridge to College English Language Arts B

Course Code: 2504

The Bridge to College ELA course is grounded in building critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the new state English language arts (ELA) learning standards for high school. Students will read complex nonfiction and fiction texts focusing on issues of both current and enduring importance; evaluate the credibility of information; critique others' opinions; and construct their own opinions based on evidence. By the end of the course, students will use strategies for critical reading, argumentative writing and independent thinking while reading unfamiliar texts and responding to them in discussion and writing. Students who earn a grade of B or better in this course are considered college ready in the state of Washington.

Technical Writing A

Course Code: 2518

Technical Writing is designed for students who wish to apply writing skills to technology and industry fields. Students will write assignments emphasizing techniques of précis/abstract, extended definition, comparison/contrast, problem solving, cause/effect, and persuasion as applied to the work place. Assignments and activities will include the use of computers and internet research, and includes field research, group research projects, and group presentations.

Technical Writing B

Course Code: 2519

Technical Writing is designed for students who wish to apply writing skills to technology and industry fields. Students will write assignments emphasizing techniques of précis/abstract, extended definition, comparison/contrast, problem solving, cause/effect, and persuasion as applied to the work place. Assignments and activities will include the use of computers and internet research, and includes field research, group research projects, and group presentations.

Senior Composition/Literary Perspectives in Media A

Course Code: 2561

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

Senior Composition/Literary Perspectives in Media B

Course Code: 2562

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

Senior Composition/Creative Writing A

Course Code: 2571

The purpose of this course is to provide students with a challenging and in-depth experience in creative writing. Students will write in many forms including essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. With an emphasis on Creative Writing students will practice a variety of writing experiences involving such forms as poetry, descriptive narrative, short story, vignette, personal letter, and script writing. The course work also includes examining short works of writing as models with emphasis on developing each student's own personal style.

Senior Composition/Creative Writing B

Course Code: 2572

The purpose of this course is to provide students with a challenging and in-depth experience in creative writing. Students will write in many forms including essays, creative writing, and business related writing. A major goal of senior English is to reinforce strong writing and grammar skills to prepare students for academic and real-world writing. A research paper is a required component of this class. With an emphasis on Creative Writing students will practice a variety of writing experiences involving such forms as poetry, descriptive narrative, short story, vignette, personal letter, and script writing. The course work also includes examining short works of writing as models with emphasis on developing each student's own personal style.

Fitness and Health

Food & Fitness A

Course Code: 4511

Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler's test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities.

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

Food & Fitness B

Course Code: 4512

Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler's test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities.

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

Physical Education A

Course Code: 6171

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.

Physical Education B

Course Code: 6172

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.

Aerobic Fitness A

Course Code: 6201

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

Aerobic Fitness B

Course Code: 6202

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

PE - Activities/Weight Training A

Course Code: 6221

This course provides both physical education activities and strength training. Beginning weight training will be alternated with three week units of physical education activities such as football, basketball, and tennis. Students also develop a personalized fitness plan.

PE - Activities/Weight Training B

Course Code: 6222

This course provides both physical education activities and strength training. Beginning weight training will be alternated with three week units of physical education activities such as football, basketball, and tennis. Students also develop a personalized fitness plan.

Advanced Weight Training A

Course Code: 6241

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

Advanced Weight Training B

Course Code: 6242

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

Fitness and Health

Health Wellness

Course Code: 6251V

This course focuses on the importance of good health. Students discuss information based on the physical, social, mental, 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, mental health 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.

Health Sciences and Careers A

Course Code: 6271V

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

Health Sciences and Careers B

Course Code: 6272V

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

Mathematics

M A T H C R E D I T	1st	Algebra \diamond , or Applied Algebra $\diamond \ddagger$ \circ
	2nd	Geometry \diamond , Honors Geometry \diamond , or Applied Geometry $\diamond \circ$
	3rd	Algebra 2 \diamond , Honors Algebra 2 \diamond , Statistics and Data Literacy, Modeling Our World with Mathematics \ddagger , or Financial Algebra
	4th and Beyond	Any 3 rd credit option above, Pre-Calculus \diamond , AP/IB Calculus $\diamond +$, AP Statistics \ddagger , Advanced Math with Applications, or Bridge to College (Seniors only)



Algebra
Geometry
A 3rd credit of math*



*The 3rd credit of math is chosen by the student based on the student's interest and High School and Beyond Plan.

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

\diamond CADR approved

\ddagger Dual Credit

\circ Equivalency

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

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Mathematics

Math Lab A A

Course Code: 3211

This course is intended to accompany Algebra for students who have traditionally found grade-level mathematics challenging, but are ready for studies in high school-level algebra, geometry, probability and statistics. In order to build better understanding of the concepts, students will be provided with individualized support that is aligned with the content of their Algebra course.

Foundations of Algebra and Geometry A

Course Code: 3401

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.

Foundations of Algebra and Geometry B

Course Code: 3402

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.

Precalculus A

Course Code: 3721

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. Upon successful completion of this course, students will be recommended for AP/IB Calculus or Advanced Mathematics with Applications.

Precalculus B

Course Code: 3722

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. Upon successful completion of this course, students will be recommended for AP/IB Calculus or Advanced Mathematics with Applications.

Modeling Our World with Mathematics A

Course Code: 3725

This course for juniors and seniors extends their learning from Algebra and Geometry, and is designed to further prepare them for higher-level mathematics. Topics for this class include problem solving, number theory, linear equations, measurement, geometry, probability, and graph theory. This course also provides access to a math graduation assessment alternative.

This course is aligned with Clark College (PTCS 110, Professional Technical Computational Skills) so students can earn 5 college credits if they get a B or better in the course.

Modeling Our World with Mathematics B

Course Code: 3726

This course for juniors and seniors extends their learning from Algebra and Geometry, and is designed to further prepare them for higher-level mathematics. Topics for this class include problem solving, number theory, linear equations, measurement, geometry, probability, and graph theory. This course also provides access to a math graduation assessment alternative.

This course is aligned with Clark College (PTCS 110, Professional Technical Computational Skills) so students can earn 5 college credits if they get a B or better in the course.

Mathematics

AP Calculus AB A

Course Code: 3821

This course is recommended for students planning a career in business, science, mathematics, or engineering. Topics include limits, derivatives and integrals involving algebraic and transcendental functions. Applications in areas such as physics, biology and business will be covered. The student will be prepared to take the Advanced Placement Calculus AP examination.

AP Calculus AB B

Course Code: 3822

This course is recommended for students planning a career in business, science, mathematics, or engineering. Topics include limits, derivatives and integrals involving algebraic and transcendental functions. Applications in areas such as physics, biology and business will be covered. The student will be prepared to take the Advanced Placement Calculus AP examination.

AP Calculus BC A

Course Code: 3824

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

AP Calculus BC B

Course Code: 3825

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

AP Computer Science Principles

Course Code: 4226

College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them.

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

AP Computer Science Principles

Course Code: 4227

College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them.

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

Mathematics

Introduction to Engineering Design (IED) A

Course Code: 4661

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions.

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferrable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Introduction to Engineering Design (IED) B

Course Code: 4662

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions.

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferrable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Math I A

Course Code: 99151

These courses will provide students with IEP learning math goals the foundation for high school mathematics. 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.

Mathematics

Math I B

Course Code: 99152

These courses will provide students with IEP learning math goals the foundation for high school mathematics. 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.

Math II A

Course Code: 99161

These courses will provide students with IEP learning math goals the foundation for high school mathematics. 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.

Math II B

Course Code: 99162

These courses will provide students with IEP learning math goals the foundation for high school mathematics. 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.

Math III A

Course Code: 99171

These courses will provide students with IEP learning math goals the foundation for high school mathematics. 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.

Math III B

Course Code: 99172

These courses will provide students with IEP learning math goals the foundation for high school mathematics. 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.

Applied Algebra A

Course Code: 3241V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

Applied Algebra B

Course Code: 3242V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

Mathematics

Financial Algebra A

Course Code: 4811V

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

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

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

Financial Algebra B

Course Code: 4812V

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

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

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

Algebra A

Course Code: M3101

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

Algebra Academy A

Course Code: M3101A

This is the Algebra course for students selected to participate in the 9th grade academy. This course is the foundation of high school mathematics. Students will develop their understanding and application of algebraic concepts and skills as they work with equations, inequalities, functions, data collection, analysis, and probability. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Mathematics

Algebra B

Course Code: M3102

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

Algebra Academy B

Course Code: M3102A

This is the Algebra course for students selected to participate in the 9th grade academy. This course is the foundation of high school mathematics. Students will develop their understanding and application of algebraic concepts and skills as they work with equations, inequalities, functions, data collection, analysis, and probability. This course expects students to solve problems, reason logically, draw conclusions, communicate understanding, and make connections to the real world using concepts from the course.

Geometry A

Course Code: M3201

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

Geometry B

Course Code: M3202

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

Honors Geometry A

Course Code: M3231

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. This is the Honors option for Geometry for students who intend to take AP courses later in their high school career.

Honors Geometry B

Course Code: M3232

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. This is the Honors option for Geometry for students who intend to take AP courses later in their high school career.

Algebra 2 A

Course Code: M3301

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.

Algebra 2 B

Course Code: M3302

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

Mathematics

Bridge to College Mathematics A

Course Code: M3315

The Senior level Math Course emphasizes modeling with mathematics, logical thinking and problem solving skills. Topics include building and interpreting functions (linear, quadratic; exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The Bridge to College Mathematics course is best suited students who completed Algebra 2 and offers an opportunity to place into a college-level course when entering a community college directly after high school.

Bridge to College Mathematics B

Course Code: M3316

The Senior level Math Course emphasizes modeling with mathematics, logical thinking and problem solving skills. Topics include building and interpreting functions (linear, quadratic; exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The Bridge to College Mathematics course is best suited students who completed Algebra 2 and offers an opportunity to place into a college-level course when entering a community college directly after high school.

Honors Algebra 2 A

Course Code: M3331

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

Honors Algebra 2 B

Course Code: M3332

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

Honors Precalculus A

Course Code: M3431

This course encompasses the study of precalculus and trigonometric topics, including graphing of polynomials, rational algebraic functions, periodic functions, trigonometric functions, and inverse functions. 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. Precalculus provides a solid foundation for student success in Calculus.

Honors Precalculus B

Course Code: M3432

This course encompasses the study of precalculus and trigonometric topics, including graphing of polynomials, rational algebraic functions, periodic functions, trigonometric functions, and inverse functions. 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. Precalculus provides a solid foundation for student success in Calculus.

Statistics and Data Analysis

Course Code: Pending

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

Applied Geometry

Course Code: Pending

The Applied Geometry course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

Miscellaneous Electives

AVID 9A

Course Code: 8851

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

AVID 9B

Course Code: 8852

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

AVID 10A

Course Code: 8861

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

AVID 10B

Course Code: 8862

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

AVID 11A

Course Code: 8871

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

AVID 11B

Course Code: 8872

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

AVID 12A

Course Code: 8881

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

AVID 12B

Course Code: 8882

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

Building My Future

Course Code: 9460

This course will support Success Academy students who failed and need to recover multiple elective credits in order to graduate on time. Students will receive instruction and support from their teachers to develop time management, organization, and study skills. To receive credit the students will also need to complete a minimum of 1.5 credit recovery courses.

Career and Technical Education

AP Studio Art 2D - Photo A

Course Code: 0131VP

This course is designed for students who are seriously interested in the experience of art and exploring photographic projects of their choosing. AP Photography students submit portfolios for evaluation at the end of the school year rather than taking written exams. The Portfolio consists of digital and physical work samples that demonstrate quality, concentration, and breadth. This College Board program provides a national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while in high school. This class is designed to provide students with the guidance, time and industry-standard equipment to explore and enhance the skills and concepts learned in Photo I and Photo II.

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

AP Studio Art 2D - Photo B

Course Code: 0132VP

This course is designed for students who are seriously interested in the experience of art and exploring photographic projects of their choosing. AP Photography students submit portfolios for evaluation at the end of the school year rather than taking written exams. The Portfolio consists of digital and physical work samples that demonstrate quality, concentration, and breadth. This College Board program provides a national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while in high school. This class is designed to provide students with the guidance, time and industry-standard equipment to explore and enhance the skills and concepts learned in Photo I and Photo II.

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

Graphic Design A

Course Code: 0201V

If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required.

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

Graphic Design B

Course Code: 0202V

If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required.

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

Advanced Graphic Design A

Course Code: 0211V

This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients.

This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Career and Technical Education

Advanced Graphic Design B

Course Code: 0212V

This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients.

This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Photography I

Course Code: 0311V

This class introduces students to the basic skills and techniques of photography. Students will develop knowledge of the principles of photographic composition and perfect their skills through projects, presentations and lab experiences. Students learn about the history of photography by examining the work of notable photographers and the techniques they use to make them successful. Students will be able to describe and analyze their works and those of others using appropriate photography terminology. Students will gain experience in camera usage, film processing, (not available at Skyview or Fort), black and white printing (not available at Skyview or Fort), digital imaging, Photoshop software, safe lab practices, organization, and presentation of works. Manual camera recommended at Hudson's Bay and Columbia River. Materials fee may apply.

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

Photography II

Course Code: 0312V

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).

Photography III A

Course Code: 0321V

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

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

Career and Technical Education

Photography III B

Course Code: 0322V

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

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

Wind Ensemble A

Course Code: 0551

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

Wind Ensemble B

Course Code: 0552

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

Acappella Choir A

Course Code: 0741

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

Acappella Choir B

Course Code: 0742

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

American Sign Language 1 A

Course Code: 1601V

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

Career and Technical Education

American Sign Language 1 B

Course Code: 1602V

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

American Sign Language 2 A

Course Code: 1611V

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

American Sign Language 2 B

Course Code: 1612V

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

American Sign Language 3 A

Course Code: 1621V

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

American Sign Language 3 B

Course Code: 1622V

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

American Sign Language 4 A

Course Code: 1631V

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

Career and Technical Education

American Sign Language 4 B

Course Code: 1632V

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

Yearbook A

Course Code: 2731V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

Yearbook B

Course Code: 2732V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

Applied Algebra A

Course Code: 3241V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

Applied Algebra B

Course Code: 3242V

This course is an interactive, work place-centered approach to algebra concepts. It is ideal for students who are hands-on conceptual learners. Applied Algebra teaches abstract concepts through concrete applications using work place as the platform for learning. This course is a 2 for1 course that meets two graduation requirements, Algebra and CTE (although students only earn credit in one area).

Video Production A

Course Code: 4121

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

Video Production B

Course Code: 4122

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

Career and Technical Education

Advanced Video Production A

Course Code: 4131

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

Advanced Video Production B

Course Code: 4132

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

Video Production - Special Projects A

Course Code: 4141

This course is for students working on a specific project in Video Production. Students submit a project plan to be approved by the instructor. The project(s) will develop more in-depth production skills while allowing the student to concentrate on a specific long-term project. Some schools offer a 'Crew for Credit' option for Advanced Video Productions students crewing sports, concerts and productions outside of the regular school day. 'Crew for Credit' enhances classroom instruction by giving students the opportunity to gain non-paid off-campus work experience related to the content and classroom instruction in video production. All students must complete a Work Based Learning Off Campus application. Students can earn .5 credit for 90 hours of off-campus 'Crew for Credit' internship experience. Please see your school's Work Based Learning Coordinator or Video Productions teacher to see if you qualify.

Video Production - Special Projects B

Course Code: 4142

This course is for students working on a specific project in Video Production. Students submit a project plan to be approved by the instructor. The project(s) will develop more in-depth production skills while allowing the student to concentrate on a specific long-term project. Some schools offer a 'Crew for Credit' option for Advanced Video Productions students crewing sports, concerts and productions outside of the regular school day. 'Crew for Credit' enhances classroom instruction by giving students the opportunity to gain non-paid off-campus work experience related to the content and classroom instruction in video production. All students must complete a Work Based Learning Off Campus application. Students can earn .5 credit for 90 hours of off-campus 'Crew for Credit' internship experience. Please see your school's Work Based Learning Coordinator or Video Productions teacher to see if you qualify.

Movie Making A

Course Code: 4143

Students will explore the three phases of the production process; pre-production, production and post-production. They will write a script in screenplay format, shoot and edit footage using cinematographic techniques and critique their own work as well as view and critique films of different genres.

Movie Making B

Course Code: 4144

Students will explore the three phases of the production process; pre-production, production and post-production. They will write a script in screenplay format, shoot and edit footage using cinematographic techniques and critique their own work as well as view and critique films of different genres.

Career and Technical Education

Microsoft Imagine Academy A

Course Code: 4215

Students in Microsoft Imagine Academy use Microsoft curriculum and software tools to demonstrate the knowledge, skills, and abilities to productively use Microsoft Office by earning certifications. The goals of the class are to help prepare students for the Microsoft Office Specialist (MOS) Certifications tests in Microsoft Word, PowerPoint, Excel, Word Expert, Excel Expert and Access. Students have multiple opportunities to earn certifications throughout the course. Certifications from Microsoft can make students more competitive in the job market!

This course is aligned with Lower Columbia College so students who do earn certifications can also receive up to 22 college credits.

Microsoft Imagine Academy B

Course Code: 4216

Students in Microsoft Imagine Academy use Microsoft curriculum and software tools to demonstrate the knowledge, skills, and abilities to productively use Microsoft Office by earning certifications. The goals of the class are to help prepare students for the Microsoft Office Specialist (MOS) Certifications tests in Microsoft Word, PowerPoint, Excel, Word Expert, Excel Expert and Access. Students have multiple opportunities to earn certifications throughout the course. Certifications from Microsoft can make students more competitive in the job market!

This course is aligned with Lower Columbia College so students who do earn certifications can also receive up to 22 college credits.

Intro to Coding I A

Course Code: 4223

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

Intro to Coding I B

Course Code: 4224

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

Career and Technical Education

AP Computer Science Principles

Course Code: 4226

College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them.

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

AP Computer Science Principles

Course Code: 4227

College Bound students are encouraged to check with each college to determine whether this course can meet Math or Lab Science credit entrance requirements.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them.

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

Intro to Coding II A

Course Code: 4228

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

Career and Technical Education

Intro to Coding II B

Course Code: 4229

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

Marketing A

Course Code: 4301

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

Marketing B

Course Code: 4302

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

Advanced Marketing A

Course Code: 4311

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

Advanced Marketing B

Course Code: 4312

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

Student Store Operations A

Course Code: 4321

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

Career and Technical Education

Student Store Operations B

Course Code: 4322

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

Child Development/Tutoring A

Course Code: 4461

Do you enjoy working with children? In this course, students will have an opportunity to gain an understanding of child development through a combination of classroom curriculum and tutoring experience. Students will understand child development theories in physical, emotional and cognitive growth, as well as health, safety, and nutritional issues. Students will learn to develop positive interpersonal skills by working one-on-one in a tutoring capacity with a young child (some options are child care centers, preschools and elementary schools). Regular attendance and participation in the tutoring sessions is expected.

This course is designed for students interested in pursuing a future career in education. Students gain an appreciation for appropriate developmental stages of children and explore potential careers in the educational field. Key curriculum focus areas will include:

- Learning styles
- Types of intelligence
- Basic instructional theory and methods
- Introduction to classroom management
- Classroom climate
- Introduction to curriculum components, i.e., essential learnings/core competencies, content, assessment, materials. Students work in an educational lab site; one-on-one, tutoring, and in small group instruction. Instructional activities include observations.

This course is aligned with Clark College (ECED 107, ECED 120) so students can earn up to 7 college credits if they get a B or better in the course, and 12 college credits if they take the full year of Child Development.

An ECE Initial Certificate, a Washington State requirement for professionals working in child care fields, may also be earned upon completion of a full year of Child Development with a B or better.

Career and Technical Education

Child Development/Tutoring B

Course Code: 4462

Do you enjoy working with children? In this course, students will have an opportunity to gain an understanding of child development through a combination of classroom curriculum and tutoring experience. Students will understand child development theories in physical, emotional and cognitive growth, as well as health, safety, and nutritional issues. Students will learn to develop positive interpersonal skills by working one-on-one in a tutoring capacity with a young child (some options are child care centers, preschools and elementary schools). Regular attendance and participation in the tutoring sessions is expected.

This course is designed for students interested in pursuing a future career in education. Students gain an appreciation for appropriate developmental stages of children and explore potential careers in the educational field. Key curriculum focus areas will include:

- Learning styles
- Types of intelligence
- Basic instructional theory and methods
- Introduction to classroom management
- Classroom climate
- Introduction to curriculum components, i.e., essential learnings/core competencies, content, assessment, materials. Students work in an educational lab site; one-on-one, tutoring, and in small group instruction. Instructional activities include observations.

This course is aligned with Clark College (ECED 107, ECED 120) so students can earn up to 7 college credits if they get a B or better in the course, and 12 college credits if they take the full year of Child Development.

An ECE Initial Certificate, a Washington State requirement for professionals working in child care fields, may also be earned upon completion of a full year of Child Development with a B or better.

Creative Cooking

Course Code: 4501

Your guide to maintaining optimal personal wellness and nutrition starts here. This course will help you establish lifelong eating habits that will put you on the road to a healthier you! Learn to select and prepare quick and healthy foods as well as evaluate factors that affect food safety. Students will also learn about the impact of technology and science in the food industry.

Food & Fitness A

Course Code: 4511

Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler's test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities.

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

Food & Fitness B

Course Code: 4512

Like to eat? Learn to cook! This course combines the activity of a PE class with basic cooking skills and knowledge of nutrition and wellness. The activities and curriculum focus on a healthy lifestyle and personal wellness. Topics include food safety and students will pass the Washington state food handler's test. Students also develop a personalized fitness plan and complete a diet analysis project. Students are expected to participate and dress down for fitness activities.

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

Career and Technical Education

Introduction to Engineering Design (IED) A

Course Code: 4661

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions.

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferrable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Introduction to Engineering Design (IED) B

Course Code: 4662

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions.

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferrable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Engineering Design and Development A

Course Code: 4671

Engineering Design & Development (EDD) is unlike any course you may have taken before: you will drive a great deal of the learning as you apply your previous engineering course work to solve a technical challenge of your own choosing. Each team will work to identify a problem, justify why it needs to be solved and define the criteria for a successful solution in the first semester. In the second semester your team will design, build, test and evaluate a working prototype of your solution. You will learn how to write a technical report and then make a formal oral presentation in early June to successfully complete the course. Your knowledge, confidence and skills will increase dramatically through the application of the engineering design process under the mentorship of industry professionals.

Career and Technical Education

Engineering Design and Development B

Course Code: 4672

Engineering Design & Development (EDD) is unlike any course you may have taken before: you will drive a great deal of the learning as you apply your previous engineering course work to solve a technical challenge of your own choosing. Each team will work to identify a problem, justify why it needs to be solved and define the criteria for a successful solution in the first semester. In the second semester your team will design, build, test and evaluate a working prototype of your solution. You will learn how to write a technical report and then make a formal oral presentation in early June to successfully complete the course. Your knowledge, confidence and skills will increase dramatically through the application of the engineering design process under the mentorship of industry professionals.

Intro to the Building Trades A

Course Code: 4675

Students will learn how to work with a variety of machines and processes found in the construction trades including wall framing, electrical, drywall, hand tools, blue printing, finish carpentry, roof framing, plumbing, estimations, green construction, and weatherization. Students will learn how to use tools and power machines to produce a finished product. Safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Students will work with a partner and rotate through each self-guided building trade technique. Teamwork is a vital skill in any workplace and the majority of shop time will be spent working with others. The work ethic and skills learned in this class will be valuable for any career you choose to pursue in the future.

Intro to the Building Trades B

Course Code: 4676

Students will learn how to work with a variety of machines and processes found in the construction trades including wall framing, electrical, drywall, hand tools, blue printing, finish carpentry, roof framing, plumbing, estimations, green construction, and weatherization. Students will learn how to use tools and power machines to produce a finished product. Safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Students will work with a partner and rotate through each self-guided building trade technique. Teamwork is a vital skill in any workplace and the majority of shop time will be spent working with others. The work ethic and skills learned in this class will be valuable for any career you choose to pursue in the future.

Principles of Engineering (POE) A

Course Code: 4691

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 and/or science credit for college admissions.

Do you like solving complicated problems or figuring out how things work? POE is a course designed for students who are interested in engineering careers and is the second course in the pre-engineering sequence. Students will learn about various technology systems and manufacturing processes through hands-on projects, while applying their math, science and technology knowledge. Using activities, projects, and problems, students learn first hand how engineers and technicians use math, science and technology in an engineering problem-solving process. This class is strongly recommended for students who plan to pursue an engineering degree in college. Project management, leadership and team-building activities are emphasized. Students will have an opportunity to participate in Skills USA or related student leadership organizations.

This course is a 2-for-1 course that meets two graduation requirements. Students taking POE for a full-year can earn .5 credits of Math, .5 or 1.0 credits of Science and meet the CTE requirement.

Career and Technical Education

Principles of Engineering (POE) B

Course Code: 4692

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 and/or science credit for college admissions.

Do you like solving complicated problems or figuring out how things work? POE is a course designed for students who are interested in engineering careers and is the second course in the pre-engineering sequence. Students will learn about various technology systems and manufacturing processes through hands-on projects, while applying their math, science and technology knowledge. Using activities, projects, and problems, students learn first hand how engineers and technicians use math, science and technology in an engineering problem-solving process. This class is strongly recommended for students who plan to pursue an engineering degree in college. Project management, leadership and team-building activities are emphasized. Students will have an opportunity to participate in Skills USA or related student leadership organizations.

This course is a 2-for-1 course that meets two graduation requirements. Students taking POE for a full-year can earn .5 credits of Math, .5 or 1.0 credits of Science and meet the CTE requirement.

Advanced Horticulture A

Course Code: 4751

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

Advanced Horticulture B

Course Code: 4752

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

Horticulture - Special Projects A

Course Code: 4761

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.

Horticulture - Special Projects B

Course Code: 4762

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.

Entrepreneurship A

Course Code: 4801

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

Career and Technical Education

Entrepreneurship B

Course Code: 4802

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

Financial Algebra A

Course Code: 4811V

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

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

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

Financial Algebra B

Course Code: 4812V

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

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

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college entrance.

Business and Entrepreneurship A

Course Code: 4821

Business and Entrepreneurship is a year long course ending with a capstone project where students create their own independent business. Students will study the basics of economics, finance, marketing, business law and management. In addition, students will study successful and failed business models and business leaders, the role of government in business and capital investment. Students will create their own business plan and present their new business to community leaders. It is strongly suggested that only Juniors and Seniors enroll for this class. Students are encouraged to participate in DECA.

Career and Technical Education

Business and Entrepreneurship B

Course Code: 4822

Business and Entrepreneurship is a year long course ending with a capstone project where students create their own independent business. Students will study the basics of economics, finance, marketing, business law and management. In addition, students will study successful and failed business models and business leaders, the role of government in business and capital investment. Students will create their own business plan and present their new business to community leaders. It is strongly suggested that only Juniors and Seniors enroll for this class. Students are encouraged to participate in DECA.

Building Construction Trades II A

Course Code: 4961

In year two of Building Construction, safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Students will begin to apply their introductory skills through small projects such as constructing a sawhorse and picnic table. Students will also begin to work in teams to complete larger projects such as a skateboard ramp, and playhouse. Students will continue to explore the variety of careers available in the skilled trades. This course also fulfills a Geometry math requirement.

Building Construction Trades II B

Course Code: 4962

In year two of Building Construction, safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Students will begin to apply their introductory skills through small projects such as constructing a sawhorse and picnic table. Students will also begin to work in teams to complete larger projects such as a skateboard ramp, and playhouse. Students will continue to explore the variety of careers available in the skilled trades. This course also fulfills a Geometry math requirement.

Building Construction Trades III A

Course Code: 4963

Year three in the Building Construction program is the capstone course and will focus on commercial construction concepts. Students will continue to emphasize workplace safety and begin large complex projects including wall layout, metal framing, drywall installation and finishing, and door and ceiling finishes. Different projects will have assistance with professionals in these skilled trades from local companies as well as our own VPS Maintenance Department. At the completion of this third year of the Building Construction program, students will have earned expedited access into the application process with the Pacific Northwest Regional Carpenters Institute (PNCI) apprenticeship program.

Building Construction Trades III B

Course Code: 4964

Year three in the Building Construction program is the capstone course and will focus on commercial construction concepts. Students will continue to emphasize workplace safety and begin large complex projects including wall layout, metal framing, drywall installation and finishing, and door and ceiling finishes. Different projects will have assistance with professionals in these skilled trades from local companies as well as our own VPS Maintenance Department. At the completion of this third year of the Building Construction program, students will have earned expedited access into the application process with the Pacific Northwest Regional Carpenters Institute (PNCI) apprenticeship program.

Career and Technical Education

Career Choices A

Course Code: 5101

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

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

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

Career Choices B

Course Code: 5102

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

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

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

Career Choices - Food Court A

Course Code: 5131

This course allows students an opportunity to explore and develop employability skills, career awareness, and occupational knowledge within the culinary industry. Career Choices-Food Court combines classroom instruction, career-related activities and hands-on experience in the Food Court. Students will rotate through various positions in the Food Court to gain skills in the areas of: food preparation, menu planning, production methods, food presentation and service. A Food Handler's Card is required and students are provided with the opportunity to take the exam to earn their Food Handler's Card during this class.

Career Choices - Food Court B

Course Code: 5132

This course allows students an opportunity to explore and develop employability skills, career awareness, and occupational knowledge within the culinary industry. Career Choices-Food Court combines classroom instruction, career-related activities and hands-on experience in the Food Court. Students will rotate through various positions in the Food Court to gain skills in the areas of: food preparation, menu planning, production methods, food presentation and service. A Food Handler's Card is required and students are provided with the opportunity to take the exam to earn their Food Handler's Card during this class.

Personal and Professional Skills (PPS) A

Course Code: 5201

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

Career and Technical Education

Personal and Professional Skills (PPS) B

Course Code: 5202

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

Work Experience A

Course Code: 5301

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

Health Wellness

Course Code: 6251V

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.

Health Sciences and Careers A

Course Code: 6271V

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

Health Sciences and Careers B

Course Code: 6272V

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

AP Environmental Science A

Course Code: 7151V

This course is designed for students who want to further their studies in Life and/or Environmental Science. It provides students with opportunities to learn about the interrelationships of the natural world, environmental problems both natural and man-made, and the risks associated with these problems, including examination of alternative solutions for resolving and/or preventing them. Students will be prepared to take the Advanced Placement Environmental Science examination.

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

Career and Technical Education

AP Environmental Science B

Course Code: 7152V

This course is designed for students who want to further their studies in Life and/or Environmental Science. It provides students with opportunities to learn about the interrelationships of the natural world, environmental problems both natural and man-made, and the risks associated with these problems, including examination of alternative solutions for resolving and/or preventing them. Students will be prepared to take the Advanced Placement Environmental Science examination.

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

Horticulture Science A

Course Code: 7521

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions.

This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111).

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

Horticulture Science B

Course Code: 7522

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions.

This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111).

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

Natural Resources Conservation A

Course Code: 7541

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.

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Career and Technical Education

Natural Resources Conservation B

Course Code: 7542

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.

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Advanced Natural Resources Conservation A

Course Code: 7551

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.

All course work is designed to follow current environmental and natural resource job skills based on industry standards. Field, laboratory, and hands-on experiences will be emphasized. Students will choose a special project that aligns with a career path such as Greenhouse Management, Sustainable Construction and Design, and/or other environmental services. This course will include instruction in, and student involvement in, Supervised Agricultural Experience Projects (SAE).

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Advanced Natural Resources Conservation B

Course Code: 7552

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.

All course work is designed to follow current environmental and natural resource job skills based on industry standards. Field, laboratory, and hands-on experiences will be emphasized. Students will choose a special project that aligns with a career path such as Greenhouse Management, Sustainable Construction and Design, and/or other environmental services. This course will include instruction in, and student involvement in, Supervised Agricultural Experience Projects (SAE).

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Natural Resources Sp Proj A

Course Code: 7553

Students will increase and strengthen their skills in Natural Resources fields of study (Agriculture, Plant Production, Soils, Forestry, Wildlife, Sustainable Design/Construction, etc.) by working on individual area(s) of interest. This course is for the most creative and dedicated students that have taken Natural Resources courses previously. This course will provide training for those interested in careers within the Natural Resources fields. This class will prepare students to be well-informed and knowledgeable in the science, art and business of natural resource management and policy, and environmental service systems. Students will often work in teams, but will be expected to complete individual assignments in relation to a team's work. This is a career and technical education course and students will be required to act in a manner as if on a paid job location. These behaviors include but are not limited to punctuality and readiness, appropriate dress for field study (rain or shine), professionalism and teamwork, safety, and leadership.

Career and Technical Education

Natural Resources Sp Proj B

Course Code: 7554

Students will increase and strengthen their skills in Natural Resources fields of study (Agriculture, Plant Production, Soils, Forestry, Wildlife, Sustainable Design/Construction, etc.) by working on individual area(s) of interest. This course is for the most creative and dedicated students that have taken Natural Resources courses previously. This course will provide training for those interested in careers within the Natural Resources fields. This class will prepare students to be well-informed and knowledgeable in the science, art and business of natural resource management and policy, and environmental service systems. Students will often work in teams, but will be expected to complete individual assignments in relation to a team's work. This is a career and technical education course and students will be required to act in a manner as if on a paid job location. These behaviors include but are not limited to punctuality and readiness, appropriate dress for field study (rain or shine), professionalism and teamwork, safety, and leadership.

FVHS Culinary, Welding, or Careers in Education Programs

Course Code: 48001

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

AP Economics A

Course Code: 8471V

The purpose of this course of study will be to familiarize students with the fundamentals of economic theory and practice as they apply to both private business and global spheres. The course consists of two courses, micro economics and macro economics. Both courses will examine the intersection of economics with domestic and foreign policy in order to develop greater understanding of local, national, and global politics. Students will develop an ability to look constructively at social and political issues from an economic perspective and to understand how citizenship impacts these issues. Students are encouraged but not required to take the Advanced Placement Micro and/or Macro Economics exam(s). This course ALSO fulfills the Contemporary World Problems requirement. In addition, earning a C+ or higher meets the Washington State ELA graduation requirement.

CorePlus Manufacturing Apprenticeship

Course Code: Pending

In this CorePlus Manufacturing Apprenticeship program, students (apprentices) learn the fundamental safety, drawings, tools and manual machining skills required for a job in aerospace and advanced manufacturing. Students are introduced to the four basic methods for subtractive manufacturing: drilling, milling, turning and grinding and the requisite measuring skills to make a product from a drawing. Students (apprentices) will also learn Engineering Drawings through interpretation and application of technical drawings, including drawing zones, the relationship of detail, standard section and auxiliary views. Students will learn linear dimensioning, tolerancing, lines, symbols and 3rd angle projection. Students will delve into scales, datums and orthographic projection, as well as examine and understand parts lists and how to navigate and utilize process specifications. Instruction includes interpreting mechanical/manufacturing blueprints per ASME Y14 Standards (2009). Emphasis on practical applications of this standard as applies to reading and interpreting engineering production drawings and updates, as well as Alliance of Career Development Non-Profits or ACDNs and Disruptive Computing Networks or DCNs. Apprentices take this course in the 1st year of Machinists or Production Technical programs.

Intro to Mechatronics

Course Code: Pending

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

Science

SCIENCE CREDIT

1st

Environmental Science ◊ †, Biology ◊ †, Honors Biology ◊ †, Horticulture ◊ ‡ ◯ †, Natural Resources Conservation ◊ †, AP Computer Science ◊ ‡

2nd

Chemistry ◊ †, Honors Chemistry ◊ †, Advanced Horticulture ‡ †, Advanced Natural Resources Conservation ◊ †, Zoology ◊ †, Physics ◊ †, AP Environmental Science ◊ ‡ †, AP/IB Physics ◊ †, IB Computer Science ‡ ◯

3rd
and
4th

Human Anatomy and Physiology ◊ †, Planetary and Space Science ◊ †, Astronomy ◊ †, Oceanography ◊ †, Planting the Seeds ◊, Science and Global Issues ◊ †, AP/IB Biology ◊ †, AP/IB Chemistry ◊ †, AP Physics C ◊ †

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

◊ CADR approved

‡ Dual Credit

◯ Equivalency

† Lab



Three credits are required for graduation, two must be lab based.



Universities encourage most applicants to earn four science credits in high school.

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

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



Get **FREE** access to Vancouver Public Schools' career and college readiness platform: go to the web site <https://login.xello.world/>

Principles of Engineering (POE) A

Course Code: 4691

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 and/or science credit for college admissions.

Do you like solving complicated problems or figuring out how things work? POE is a course designed for students who are interested in engineering careers and is the second course in the pre-engineering sequence. Students will learn about various technology systems and manufacturing processes through hands-on projects, while applying their math, science and technology knowledge. Using activities, projects, and problems, students learn first hand how engineers and technicians use math, science and technology in an engineering problem-solving process. This class is strongly recommended for students who plan to pursue an engineering degree in college. Project management, leadership and team-building activities are emphasized. Students will have an opportunity to participate in Skills USA or related student leadership organizations.

This course is a 2-for-1 course that meets two graduation requirements. Students taking POE for a full-year can earn .5 credits of Math, .5 or 1.0 credits of Science and meet the CTE requirement.

Principles of Engineering (POE) B

Course Code: 4692

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 and/or science credit for college admissions.

Do you like solving complicated problems or figuring out how things work? POE is a course designed for students who are interested in engineering careers and is the second course in the pre-engineering sequence. Students will learn about various technology systems and manufacturing processes through hands-on projects, while applying their math, science and technology knowledge. Using activities, projects, and problems, students learn first hand how engineers and technicians use math, science and technology in an engineering problem-solving process. This class is strongly recommended for students who plan to pursue an engineering degree in college. Project management, leadership and team-building activities are emphasized. Students will have an opportunity to participate in Skills USA or related student leadership organizations.

This course is a 2-for-1 course that meets two graduation requirements. Students taking POE for a full-year can earn .5 credits of Math, .5 or 1.0 credits of Science and meet the CTE requirement.

Advanced Horticulture A

Course Code: 4751

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

Advanced Horticulture B

Course Code: 4752

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

Environmental Science A

Course Code: 7161

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

Environmental Science B

Course Code: 7162

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

Biology A

Course Code: 7431

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

Biology B

Course Code: 7432

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

Honors Biology A

Course Code: 7441

This course provides a systematic approach to the biological sciences. 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. This course is for students intending to take AP science courses later in their high school career. An SMT option (Course code 7391, 7392) is available for students accepted to the SMT Magnet program.

Honors Biology B

Course Code: 7442

This course provides a systematic approach to the biological sciences. 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. This course is for students intending to take AP science courses later in their high school career. An SMT option (Course code 7391, 7392) is available for students accepted to the SMT Magnet program.

Horticulture Science A

Course Code: 7521

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions.

This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111).

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

Horticulture Science B

Course Code: 7522

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a science credit for college admissions.

This class will prepare students to be well-informed and knowledgeable in the science, art, and business of sustainable landscape design and horticulture. Through a variety of learning activities, students will obtain knowledge and practical skills that will enable them to be competent horticulturists, and to prepare them to enter numerous career paths that involve horticulture, landscaping, growing food, and general plant maintenance. Laboratory activities will help the student develop the knowledge and skills necessary to do scientific inquiry. Students develop leadership and teamwork skills by participating in FFA competitions and professional conferences. This course is articulated with Clackamas Community College (HOR 111).

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

Natural Resources Conservation A

Course Code: 7541

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.

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Natural Resources Conservation B

Course Code: 7542

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.

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Advanced Natural Resources Conservation A

Course Code: 7551

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.

All course work is designed to follow current environmental and natural resource job skills based on industry standards. Field, laboratory, and hands-on experiences will be emphasized. Students will choose a special project that aligns with a career path such as Greenhouse Management, Sustainable Construction and Design, and/or other environmental services. This course will include instruction in, and student involvement in, Supervised Agricultural Experience Projects (SAE).

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Advanced Natural Resources Conservation B

Course Code: 7552

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.

All course work is designed to follow current environmental and natural resource job skills based on industry standards. Field, laboratory, and hands-on experiences will be emphasized. Students will choose a special project that aligns with a career path such as Greenhouse Management, Sustainable Construction and Design, and/or other environmental services. This course will include instruction in, and student involvement in, Supervised Agricultural Experience Projects (SAE).

This course is a 2-for-1 course that meets both the Science and CTE graduation requirements (although students only earn credit in one area).

Human Anatomy and Physiology A

Course Code: 7561

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

Human Anatomy and Physiology B

Course Code: 7562

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

Chemistry A

Course Code: 7731

This course covers topics such as the structure of the atom, periodic table, acids and bases, chemical reactions, and gas laws. The theoretical basis of chemical reaction is studied as well as practical applications as evidenced in laboratory experiments, problem solving and cooperative learning. A strong background in algebra is required. Chemistry is highly recommended for students entering four-year universities or planning a science-related career.

Chemistry B

Course Code: 7732

This course covers topics such as the structure of the atom, periodic table, acids and bases, chemical reactions, and gas laws. The theoretical basis of chemical reaction is studied as well as practical applications as evidenced in laboratory experiments, problem solving and cooperative learning. A strong background in algebra is required. Chemistry is highly recommended for students entering four-year universities or planning a science-related career.

Honors Chemistry A

Course Code: 7751

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. Chemistry is highly recommended for students entering four-year universities or planning a science-related career. This course is for students intending to take AP science courses later in their high school career.

Honors Chemistry B

Course Code: 7752

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. Chemistry is highly recommended for students entering four-year universities or planning a science-related career. This course is for students intending to take AP science courses later in their high school career.

AP Chemistry A

Course Code: 7761

This chemistry program provides a systematic study of the principles of Chemistry and emphasizes the development of critical thinking and problem solving abilities. It is assumed that the student is familiar with algebra, geometry and the use of calculus for some of the theoretical and conceptual development of the course whenever appropriate. The course offers the essential foundations in chemistry for students in preparation for college and university study. The subject matter is intensive and analytical, covering the areas of modeling, atomic theory, thermodynamics, chemical bonding and molecular models, geometrical and physical structure, and organic chemistry.

AP Chemistry B

Course Code: 7762

This chemistry program provides a systematic study of the principles of Chemistry and emphasizes the development of critical thinking and problem solving abilities. It is assumed that the student is familiar with algebra, geometry and the use of calculus for some of the theoretical and conceptual development of the course whenever appropriate. The course offers the essential foundations in chemistry for students in preparation for college and university study. The subject matter is intensive and analytical, covering the areas of modeling, atomic theory, thermodynamics, chemical bonding and molecular models, geometrical and physical structure, and organic chemistry.

AP Physics 1 A

Course Code: 7801

Algebra-Based equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rational dynamics and angular momentum), work, energy, and power; and mechanical waves and sound. Electric circuits are also introduced.

AP Physics 1 B

Course Code: 7802

Algebra-Based equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rational dynamics and angular momentum), work, energy, and power; and mechanical waves and sound. Electric circuits are also introduced.

AP Physics 2 A

Course Code: 7804

AP Physics 2: Algebra-Based is the equivalent of a second semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics and atomic and nuclear physics.

AP Physics 2 B

Course Code: 7805

AP Physics 2: Algebra-Based is the equivalent of a second semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics and atomic and nuclear physics.

AP Environmental Science A

Course Code: 7151V

This course is designed for students who want to further their studies in Life and/or Environmental Science. It provides students with opportunities to learn about the interrelationships of the natural world, environmental problems both natural and man-made, and the risks associated with these problems, including examination of alternative solutions for resolving and/or preventing them. Students will be prepared to take the Advanced Placement Environmental Science examination.

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

AP Environmental Science B

Course Code: 7152V

This course is designed for students who want to further their studies in Life and/or Environmental Science. It provides students with opportunities to learn about the interrelationships of the natural world, environmental problems both natural and man-made, and the risks associated with these problems, including examination of alternative solutions for resolving and/or preventing them. Students will be prepared to take the Advanced Placement Environmental Science examination.

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

Social Studies

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10TH

World Themes ◊, Honors World Themes ◊, AP World History ◊, AP Human Geography ◊

11TH

U.S. History ◊, AP U.S. History ◊, U.S. History: African American Experience ◊ (11th-12th), IB History of the Americas ◊, IB Global Politics ◊ (11th-12th)

12TH

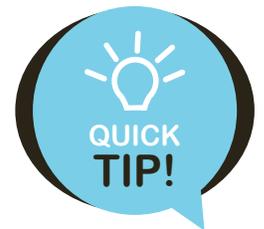
Contemporary World Problems ◊, AP Comparative Government ◊, AP U.S. Government and Politics ◊, AP Economics ◊ ‡, IB Modern World History ◊

Electives

AP Government and Politics ◊, AP Human Geography ◊, AP Economics ◊ ‡, AP Psychology ◊, IB Elective offerings ◊, Criminal Law, Law and Justice



Three credits of Social Studies



Course offerings vary by grade and/or by school. Check with your school counselor about course availability.

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

◊ CADR approved

‡ Dual Credit

⊙ Equivalency

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

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



Get **FREE** access to Vancouver Public Schools' career and college readiness platform: go to the web site <https://login.xello.world/>

Social Studies

World Themes: Washington Perspectives A

Course Code: 8051

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

World Themes: Washington Perspectives B

Course Code: 8052

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

AP World History A

Course Code: 8061

Students will develop a greater understanding of the changes in the global processes, and contacts and interactions between different types of human societies. The course highlights the nature of changes in international frameworks, their causes and consequences. Classroom work and assigned readings emphasize relevant factual knowledge deployed in conjunction with leading interpretive issues as well as the analysis of types of historical evidence. Focused primarily on the past thousand years of global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set human stage prior to 1000 CE. Students are encouraged but not required to take the AP World History exam. This course is an alternative to World Themes: Washington Perspectives and will fulfill the 10th grade social studies credit. A pre-requisite for enrollment in this course is passing all three trimesters of the 7th grade Washington State History course.

AP World History B

Course Code: 8062

Students will develop a greater understanding of the changes in the global processes, and contacts and interactions between different types of human societies. The course highlights the nature of changes in international frameworks, their causes and consequences. Classroom work and assigned readings emphasize relevant factual knowledge deployed in conjunction with leading interpretive issues as well as the analysis of types of historical evidence. Focused primarily on the past thousand years of global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set human stage prior to 1000 CE. Students are encouraged but not required to take the AP World History exam. This course is an alternative to World Themes: Washington Perspectives and will fulfill the 10th grade social studies credit. A pre-requisite for enrollment in this course is passing all three trimesters of the 7th grade Washington State History course.

U.S. History A

Course Code: 8221

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

U.S. History B

Course Code: 8222

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

Social Studies

US History: African American Experience A

Course Code: 8223

The US History: African American Perspective course will provide students with a comprehensive overview of United States history through the lens of the African American experience beginning with the settling of the Americas and the advent of slavery through modern times. The course will, in eight units, address the introduction of Africans to the Americas, enslavement, emancipation, and the social and political challenges and triumphs that followed. In addition, the course will highlight the social, cultural and political contributions of African Americans to American society. Utilizing the Washington learning standards for Social Studies as a framework for instruction, this class will serve to develop a student's understanding and appreciation of African American history as well as increase student understanding of the peoples of the world and nations.

US History: African American Experience B

Course Code: 8224

The US History: African American Perspective course will provide students with a comprehensive overview of United States history through the lens of the African American experience beginning with the settling of the Americas and the advent of slavery through modern times. The course will, in eight units, address the introduction of Africans to the Americas, enslavement, emancipation, and the social and political challenges and triumphs that followed. In addition, the course will highlight the social, cultural and political contributions of African Americans to American society. Utilizing the Washington learning standards for Social Studies as a framework for instruction, this class will serve to develop a student's understanding and appreciation of African American history as well as increase student understanding of the peoples of the world and nations.

AP U.S. History A

Course Code: 8241

The AP program in U.S. History is designed to provide students with analysis skills and factual knowledge necessary to deal critically with the problems, issues, and materials in United States History. Students will learn to assess historical materials - their relevance to a given interpretive problem, their reliability and their importance - and weigh the evidence and interpretations presented in historical scholarships. (College Board) The course will prepare students for collegiate academic study by making demands upon them equivalent to a college course. Students are encouraged but not required to take the AP U.S. History exam.

AP U.S. History B

Course Code: 8242

The AP program in U.S. History is designed to provide students with analysis skills and factual knowledge necessary to deal critically with the problems, issues, and materials in United States History. Students will learn to assess historical materials - their relevance to a given interpretive problem, their reliability and their importance - and weigh the evidence and interpretations presented in historical scholarships. (College Board) The course will prepare students for collegiate academic study by making demands upon them equivalent to a college course. Students are encouraged but not required to take the AP U.S. History exam.

CWP Contemporary World Problems and Civic Responsibilities A

Course Code: 8421

The focus of study for this course is current world, national, state, and local issues as seen through the lenses of civics, economics, and geography. Students will read, discuss, and write about current themes such as human rights, civic action and responsibility, globalization and the economy, environmental issues, and allocation of resources. The knowledge and skills students will gain in this course will prepare them for world citizenship, civic participation, and financial literacy. This course will fulfill the graduation requirements for CWP and Civics.

CWP Contemporary World Problems and Civic Responsibilities B

Course Code: 8422

The focus of study for this course is current world, national, state, and local issues as seen through the lenses of civics, economics, and geography. Students will read, discuss, and write about current themes such as human rights, civic action and responsibility, globalization and the economy, environmental issues, and allocation of resources. The knowledge and skills students will gain in this course will prepare them for world citizenship, civic participation, and financial literacy. This course will fulfill the graduation requirements for CWP and Civics.

Social Studies

AP United States Government and Politics A

Course Code: 8463

This course is an introduction to the United States constitution, national policymaking institutions, their relationship to individuals and state governments, and the avenues through which citizens access the policymaking process. AP U.S. Government and Politics will give students an analytical perspective on government and politics. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will be able to analyze relevant theories and concepts and develop connections. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes within the political process. This course is designed to be a college level course that entails more than what is expected from other classes. Students are encouraged but not required to take the AP U.S. Government and Politics exam in the spring. This course fulfills the Contemporary World Problems requirement.

AP United States Government and Politics B

Course Code: 8464

This course is an introduction to the United States constitution, national policymaking institutions, their relationship to individuals and state governments, and the avenues through which citizens access the policymaking process. AP U.S. Government and Politics will give students an analytical perspective on government and politics. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will be able to analyze relevant theories and concepts and develop connections. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes within the political process. This course is designed to be a college level course that entails more than what is expected from other classes. Students are encouraged but not required to take the AP U.S. Government and Politics exam in the spring. This course fulfills the Contemporary World Problems requirement.

AP Psychology A

Course Code: 8685

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in the science and practice. This course will prepare students to take the AP Psychology exam in the spring semester.

AP Psychology B

Course Code: 8686

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in the science and practice. This course will prepare students to take the AP Psychology exam in the spring semester.

AP Economics A

Course Code: 8471V

The purpose of this course of study will be to familiarize students with the fundamentals of economic theory and practice as they apply to both private business and global spheres. The course consists of two courses, micro economics and macro economics. Both courses will examine the intersection of economics with domestic and foreign policy in order to develop greater understanding of local, national, and global politics. Students will develop an ability to look constructively at social and political issues from an economic perspective and to understand how citizenship impacts these issues. Students are encouraged but not required to take the Advanced Placement Micro and/or Macro Economics exam(s). This course ALSO fulfills the Contemporary World Problems requirement. In addition, earning a C+ or higher meets the Washington State ELA graduation requirement.

AP Economics B

Course Code: 8472V

The purpose of this course of study will be to familiarize students with the fundamentals of economic theory and practice as they apply to both private business and global spheres. The course consists of two courses, micro economics and macro economics. Both courses will examine the intersection of economics with domestic and foreign policy in order to develop greater understanding of local, national, and global politics. Students will develop an ability to look constructively at social and political issues from an economic perspective and to understand how citizenship impacts these issues. Students are encouraged but not required to take the Advanced Placement Micro and/or Macro Economics exam(s). This course ALSO fulfills the Contemporary World Problems requirement. In addition, earning a C+ or higher meets the Washington State ELA graduation requirement.

Model United Nations: CWP

Course Code: Pending

The Model United Nations (MUN) course will promote cultural diversity and foster a deeper understanding of the interconnected, global society we live in. MUN will be a grade 12 Contemporary World Problems class that seeks to engage students in active research, debate, and problem-solving through writing and presenting proposals on world issues while simulating the committees of the actual United Nations. Students will develop public speaking, research, writing, critical thinking, diplomatic, and leadership skills through this actionable take on a CWP course, with all associated required state standards. MUN students will blend the conceptual understandings developed in civics, economics, geography, and history to explore pressing issues in our world today in authentic simulations through an authentically global lens. As part of the Center for International (CIS) curriculum, MUN students will:

- Investigate the world in highly interactive settings
- Recognize perspectives through the discussion of current events and controversial issues while assuming the roles of selected UN member nations
- Communicate ideas in simulations of democratic processes
- Take action by performing the functions of the actual UN, proposing, debating, and seeking resolutions to real world issues.

Visual and Performing Arts

AP Studio Art 2D - Photo A

Course Code: 0131VP

This course is designed for students who are seriously interested in the experience of art and exploring photographic projects of their choosing. AP Photography students submit portfolios for evaluation at the end of the school year rather than taking written exams. The Portfolio consists of digital and physical work samples that demonstrate quality, concentration, and breadth. This College Board program provides a national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while in high school. This class is designed to provide students with the guidance, time and industry-standard equipment to explore and enhance the skills and concepts learned in Photo I and Photo II.

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

AP Studio Art 2D - Photo B

Course Code: 0132VP

This course is designed for students who are seriously interested in the experience of art and exploring photographic projects of their choosing. AP Photography students submit portfolios for evaluation at the end of the school year rather than taking written exams. The Portfolio consists of digital and physical work samples that demonstrate quality, concentration, and breadth. This College Board program provides a national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while in high school. This class is designed to provide students with the guidance, time and industry-standard equipment to explore and enhance the skills and concepts learned in Photo I and Photo II.

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

Drawing I

Course Code: 0151

Students explore and apply two-dimensional arts elements with charcoal, pencil, pen and ink. Principles of design are developed through perspective, still life, portrait, and abstract drawing compositions. Materials fee applies.

Drawing II

Course Code: 0152

Development of creativity is stressed as students extend and refine drawing skills and techniques. Various black and white and colored drawing media will be used. Materials fee applies.

Calligraphy I

Course Code: 0161

This course introduces the skills of lettering and explores the letterforms of several alphabets. Students also learn about layout design and creative application of calligraphy skills. Materials fee applies.

Calligraphy II

Course Code: 0162

This class continues to develop the skills and techniques from Calligraphy I with the introduction of additional alphabets and advanced design applications. Materials fee applies.

Drawing & Painting A

Course Code: 0181

Students further develop two-dimensional art skills and techniques to include work with pastels, watercolor, acrylics, oils and other media. Understanding of design principals is developed through examination and study of various art works. Materials fee applies.

Drawing & Painting B

Course Code: 0182

Students further develop two-dimensional art skills and techniques to include work with pastels, watercolor, acrylics, oils and other media. Understanding of design principals is developed through examination and study of various art works. Materials fee applies.

Graphic Design A

Course Code: 0201V

If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required.

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

Visual and Performing Arts

Graphic Design B

Course Code: 0202V

If you are interested in learning how to create posters, logos, illustrations, and package design this course will teach you how! Students will use computer software, digital cameras, and drawing tablets as tools to edit graphics and explore design techniques and the world of visual communication. (At Fort only, students will be able to design their own t-shirt and coffee mug!) No previous experience in computers, art or drawing required.

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

Advanced Graphic Design A

Course Code: 0211V

This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients.

This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Advanced Graphic Design B

Course Code: 0212V

This advanced level design course continues to build technical and personal skills. Projects may include individual portfolios or special projects for the school and community where students will enhance their knowledge of image editing, drawing, graphics, and animation and learn how a commercial artist approaches design concepts for clients.

This course is a 2-for-1 course that meets both the Visual Arts and CTE graduation requirements (although students only earn credit in one area).

Pottery I A

Course Code: 0261

In this beginning pottery class, students learn and apply both hand building and wheel throwing techniques, as well as how to glaze and fire ceramic products. Materials fee applies.

Pottery I B

Course Code: 0262

In this beginning pottery class, students learn and apply both hand building and wheel throwing techniques, as well as how to glaze and fire ceramic products. Materials fee applies.

Pottery II A

Course Code: 0271

This advanced pottery class is designed for self-motivated, independent students and focuses on higher level techniques, larger pieces, and sculpture that demonstrates principles of design. Materials fee applies.

Pottery II B

Course Code: 0272

This advanced pottery class is designed for self-motivated, independent students and focuses on higher level techniques, larger pieces, and sculpture that demonstrates principles of design. Materials fee applies.

Photography I

Course Code: 0311V

This class introduces students to the basic skills and techniques of photography. Students will develop knowledge of the principles of photographic composition and perfect their skills through projects, presentations and lab experiences. Students learn about the history of photography by examining the work of notable photographers and the techniques they use to make them successful. Students will be able to describe and analyze their works and those of others using appropriate photography terminology. Students will gain experience in camera usage, film processing, (not available at Skyview or Fort), black and white printing (not available at Skyview or Fort), digital imaging, Photoshop software, safe lab practices, organization, and presentation of works. Manual camera recommended at Hudson's Bay and Columbia River. Materials fee may apply.

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

Visual and Performing Arts

Photography II

Course Code: 0312V

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).

Photography III A

Course Code: 0321V

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

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

Photography III B

Course Code: 0322V

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

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

Theatre I A

Course Code: 0351

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.

Theatre I B

Course Code: 0352

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.

Visual and Performing Arts

Theatre II A

Course Code: 0361

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.

Theatre II B

Course Code: 0362

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.

Concert Band A

Course Code: 0491

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

Concert Band B

Course Code: 0492

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

Orchestra A

Course Code: 0521

This class is open to students of all levels interested in the study of string instruments (violin, viola, cello and base). Focus is on the development of technical skill, musical performance, and understanding of music theory. Students will study and perform music from a variety of styles and genres.

Orchestra B

Course Code: 0522

This class is open to students of all levels interested in the study of string instruments (violin, viola, cello and base). Focus is on the development of technical skill, musical performance, and understanding of music theory. Students will study and perform music from a variety of styles and genres.

Wind Ensemble A

Course Code: 0551

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

Wind Ensemble B

Course Code: 0552

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

Advanced Orchestra A

Course Code: 0571

This string performing ensemble class continues development of individual and ensemble skills through advanced orchestra music and meets opposite of wind ensemble to facilitate full orchestra performances (strings and winds.) This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.

Advanced Orchestra B

Course Code: 0572

This string performing ensemble class continues development of individual and ensemble skills through advanced orchestra music and meets opposite of wind ensemble to facilitate full orchestra performances (strings and winds.) This course supports Career Ready Practices which may include: leadership, industry-based learning, exposure to guest artists, business and the arts, interview/audition preparation, project-based learning, community outreach, research, portfolio development.

Visual and Performing Arts

Concert Choir A

Course Code: 0731

Students develop vocal technique, sight reading skills and understanding of music theory. Stage presence and performance skills are developed through rehearsal and performance of a variety of vocal and musical styles.

Concert Choir B

Course Code: 0732

Students develop vocal technique, sight reading skills and understanding of music theory. Stage presence and performance skills are developed through rehearsal and performance of a variety of vocal and musical styles.

Acappella Choir A

Course Code: 0741

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

Acappella Choir B

Course Code: 0742

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

Yearbook A

Course Code: 2731V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

Yearbook B

Course Code: 2732V

Students in Yearbook will develop their organizational, leadership, personal, and team skills to contribute to creating and editing a quality yearbook. Through review of principles of design and instruction on yearbook content and current industry-standard software, students will create a yearbook while developing skills in concept development, layout design, designing with type, interviewing, copy writing, photography, and page management. Ethical and legal guidelines will also be addressed. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

This course is a 2-for-1 course that meets two graduation requirements, Visual Arts and CTE (although students only earn credit in one area). Students need to take Yearbook for a full year to earn .5 Visual Art credit.

Video Production A

Course Code: 4121

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

Visual and Performing Arts

Video Production B

Course Code: 4122

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

Advanced Video Production A

Course Code: 4131

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

Advanced Video Production B

Course Code: 4132

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

Movie Making A

Course Code: 4143

Students will explore the three phases of the production process; pre-production, production and post-production. They will write a script in screenplay format, shoot and edit footage using cinematographic techniques and critique their own work as well as view and critique films of different genres.

Movie Making B

Course Code: 4144

Students will explore the three phases of the production process; pre-production, production and post-production. They will write a script in screenplay format, shoot and edit footage using cinematographic techniques and critique their own work as well as view and critique films of different genres.

Introduction to Engineering Design (IED) A

Course Code: 4661

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions.

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferrable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

Visual and Performing Arts

Introduction to Engineering Design (IED) B

Course Code: 4662

College bound students are encouraged to check with each college they may apply to in order to determine if each college will accept this course as a math credit for college admissions.

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferrable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software--Autodesk Inventor 3D Solid Modeling and Microsoft Excel--plus fabrication devices including a 3D printer, laser cutter/engraver and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

This course is a 2-for-1 course that meets two graduation requirements. Students taking IED for a full-year can earn .5 credits of Visual Arts, .5 credits of Math and meet the CTE requirement.

World Language

French 1 A

Course Code: 1111

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

French 1 B

Course Code: 1112

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

French 2 A

Course Code: 1121

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

French 2 B

Course Code: 1122

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

French 3 A

Course Code: 1131

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.

French 3 B

Course Code: 1132

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.

Spanish 1 A

Course Code: 1511

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

Spanish 1 B

Course Code: 1512

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

World Language

Spanish 2 A

Course Code: 1521

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

Spanish 2 B

Course Code: 1522

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

Spanish 3 A

Course Code: 1531

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

Spanish 3 B

Course Code: 1532

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

AP Spanish Language and Culture A

Course Code: 1541

This course is a higher intermediate level class addressing increasingly complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. The communicative purposes and functions include an in-depth study of language learning in the previous years of study with further development as well as an expansion of literary study. Students will be able to communicate comfortably with native speakers of the studied language in many situations. This course will prepare students for success on the AP Spanish Language and Culture exam.

AP Spanish Language and Culture B

Course Code: 1542

This course is a higher intermediate level class addressing increasingly complex language situations and interactions. Course objectives include more fluent communication and an increased emphasis on literature. The communicative purposes and functions include an in-depth study of language learning in the previous years of study with further development as well as an expansion of literary study. Students will be able to communicate comfortably with native speakers of the studied language in many situations. This course will prepare students for success on the AP Spanish Language and Culture exam.

American Sign Language 1 A

Course Code: 1601V

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

World Language

American Sign Language 1 B

Course Code: 1602V

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

American Sign Language 2 A

Course Code: 1611V

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

American Sign Language 2 B

Course Code: 1612V

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

American Sign Language 3 A

Course Code: 1621V

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

American Sign Language 3 B

Course Code: 1622V

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

American Sign Language 4 A

Course Code: 1631V

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

World Language

American Sign Language 4 B

Course Code: 1632V

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

Cascadia Tech Academy

The Cascadia Technical Academy serves students in 9 local school districts including the Vancouver School District. Junior and senior students are eligible to apply for one of 15 half-day programs (AM or PM). These career and technical education programs require students to apply and the half-day courses run for the full school year. All courses are full-year, 3-hour block courses and meet Monday through Friday unless otherwise noted. Session I courses meet from 7:45 – 10:15 AM and Session II courses meet from 11:15 AM – 1:45 PM.



CASCADIA
TECH ACADEMY

The Vancouver School District provides transportation for students who are expected to ride the bus if they are accepted into any one of the following Cascadia Technical Academy programs except Fire Science, where students are expected to provide their own transportation.

Courses	Year	Open to Grade(s)	Offered *times may vary
Applied Medical Sciences	1 st Year	11, 12	Sessions I and II
Automotive Technology	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Session II
Aviation Technology	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Construction Technology	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Session I
Cosmetology Note: 2nd year students choose from two optional time frames. Option chosen will effect number of hours acquired towards licensure.	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	2nd year optional time frames Option 1: Regular Session II: 11:15 a.m. - 1:45 p.m. Option 2: Extended day: 11:15 a.m. - 5 p.m. M-Th and 11:15 a.m. - 1:45 p.m. F
Criminal Justice	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Culinary, Baking and Pastry Arts	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Dental	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Diesel Technology	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Fashion Design	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Fire Science (off campus sites)	1 st Year	11, 12	Session II (11:30 a.m. - 2:00 p.m.)*
	2 nd Year	12	Session II (11:30 a.m. - 2:00 p.m.)*
Information Technology Service, Systems, and Support	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Business Principle's	1 st Year	11, 12	Sessions I and II
Pre-Engineering Design Technology	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II
Hospitality and Tourism	1 st Year	11, 12	Sessions I and II
	2 nd Year	12	Sessions I and II

Application Process

All sophomores are offered the opportunity to learn about the Cascadia Technical Academy through presentations that occur at the student's home school. Interested students can attend a Cascadia Tech tour in February before forecasting for their junior year classes.

To learn more about the Cascadia Technical Academy, see the College and Career Specialist in your high school or visit the web site at <http://www.cascadiatech.org>.

Appendix A - 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 a community college by allowing them to complete selected Career & Technical Education (CTE) classes while still in high school. It is a partnership between Community Colleges and participating high schools allowing students to simultaneously earn high school and college credits in courses that have been approved through a formal articulation agreement.

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

Why take CTE College Articulation classes?

- Students get a “jump start” on their college education and career plans
- Students save time and money by fulfilling degree requirements while still in high school.
- Students are able to bypass entry-level college courses when they register at a community college.
- College articulation credits are guaranteed at the college for which the articulation agreement is approved and may be used at another community college or university, dependent on their admission criteria. Or, you may enter the military at a higher rank.

How Can I Get College Credit Now?

- Enroll in a CTE College Articulation course at your high school. Earn a minimum grade (varies from college to college). Some courses require additional tests or have portfolio requirements.
- Work with your teacher or Career Specialist to register for the college credit.

Course Name, VPS Course Code	CRHS	FBHS	HBHS	SHS	VFA	VVLA	VHC	VSAA	College	Credits	Savings
Horticulture Science - 7521/7522	X	X	X		X				CCC	2	\$193
Advanced Horticulture - 4751/4752	X	X	X		X				CCC	3	\$289.50
NextTools - 4205/4205a/4206			X						CC	3	\$319.74
Accounting - Show Me the Money - 4241/4242				X					CC	6	\$639.48
Health Sciences and Careers - 6271/6272		X							CC	6	\$639.48
Medical Terminology and Practice - 6281/6282		X							CC	7	\$746.06
Anatomy and Physiology - 7561/7562		X							CC	4	\$426.32
Psychology and Health Issues - 6291/6292		X							CC	2	\$213.16
Athletic Medicine - 4401/4402		X							CC	1	\$106.58
Graphic Design - 0201v/0202v	X	X	X	X	X			X	CC	8	\$852.64
Advanced Graphic Design - 0211v/0212v	X	X	X	X	X			X	CC and MHCC	8	\$852.64
GRADS - 4431/4432			X						CC	3	\$319.74
Financial Algebra - 4811/4812, 4811v/4812v	X	X	X	X	X	X	X		CC	5	\$532.90
Career Choices - 5101/5102, 5101w/5102w	X	X	X	X	X	X	X	X	CC	3	\$319.74
Child Development - 4461		X	X	X		X	X		CC	7	\$746.06
Child Development - 4462	X	X	X	X		X	X		CC	7	\$746.06
Exploring Childhood - 4451	X								CC	10	\$1,065.80

Appendix A – What is CTE College Articulation?

Course Name, VPS Course Code	CRHS	FVHS	HBHS	SHS	VFA	VVLA	VHC	VSAA	College	Credits	Savings
Exploring Childhood - 4452	X								CC	10	\$1,065.80
Moving Image Arts - 4131/4132					X			X	MHCC	1	\$106.58
Advanced Video Production - 4131/4132			X						MHCC	4	\$426.32
Video Production Special Projects - 4141/4142			X						MHCC	4	\$426.32
Advanced Video Production - 4131/4132	X			X					MHCC	5	\$1,221.25
Video Production Special Projects - 4141/4142	X			X					MHCC	5	\$1,221.25
Advanced Welding - 50211/50212		X							CC	2	\$213.16
Microsoft Imagine Academy - 4215/4216	X		X		X	X	X		LCC	22	\$2528.24
Applied Algebra - 3241v/3242v		X	X		X				CC	5	\$532.90
Careers in Education - 4481/4482		X							LCC	5	\$574.60
Modeling Our World w/ Mathematics - 3725/3726		X	X	X					CC	5	\$532.90
Culinary Arts - 47211/47212		X							CC	11	\$1264.12
ASL I - 1601V/1602V	X	X	X	X				X	LCC	5	\$574.60

CCC = Clackamas Community College; CC = Clark College; MHCC = Mt. Hood Community College; LCC = Lower Columbia College

For more information about the CTE College Articulation, visit the following web sites:

Clark College:

http://www.clark.edu/academics/partnerships/highschool_partnerships.php

Clackamas Community College:

<https://www.clackamas.edu/academics/academic-offerings/high-school-connections>

Mt. Hood Community College:

<https://www.mhcc.edu/CNHighSchools/>

Lower Columbia College:

<https://lowercolumbia.edu/career-connected-learning/index.php>

Appendix B – Running Start

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:

Starting in the fall of their sophomore or junior year, students are encouraged to schedule an appointment with their school counselor to discuss the advantages and disadvantages of the Running Start program and their High School and Beyond Plan.

Starting in January of their sophomore or junior year, interested students should (1) attend a Running Start Information Night at Clark College, (2) apply for admissions to Clark College, (3) pay the application fee, (4) receive their Student ID Number, and (5) submit proof of qualification to the Running Start Office. In addition, juniors and seniors may apply in October for winter quarter entry and December for spring quarter entry.

To be admitted to the Running Start program, students must have completed the sophomore year in high school and have earned at least 12 high school credits. To qualify, students must have one of the following: (1) a cumulative 2.75 G.P.A.; (2) Smarter Balanced scores of 3 or 4 on the Math (and B or better in Algebra 2+) or English tests; (3) ALEK math test score or English assessment at the college level; or (5) ACT score of 19+ or an SAT score of 510+.

After testing, qualified students must meet with their high school counselor to forecast any courses to be used to meet high school requirements. Students wanting to use Running Start courses to meet art, C.T.E. or P.E./health graduation requirements must receive counselor approval prior to forecasting. Without prior-approval, course work taken that is not listed on the equivalency chart will be transcribed as elective credit. It is expected that most students will have completed the basic graduation requirements of art, C.T.E. and P.E./health during their freshman and sophomore year, so approval for Running Start courses to supersede high school coursework will be limited to special circumstances.

Students must attend a New Student Orientation with college representatives.

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:

Clark College Credit	High School Credit
1	0.20
2	0.40
3	0.60
4	0.80
5	1.00

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 Acceptable Equivalent Courses

The Vancouver Public Schools only guarantees to accept the following courses as equivalent courses to meet English, social studies, math and science graduation requirements. All other Running Start course work will be applied to elective credits unless prior approval is obtained from your school counselor.

For English and social studies, two terms are required. Students will earn more than the minimum required credits. Not all courses are available every quarter.

English 11: two classes required, consisting of one composition and one American Literature.

___ English 11 at High School (for the full year)	
Or choose one from this column	And one from this column
___ ENGL 101 English Composition	___ ENGL 136 Intro to N.A. Literature ___ ENGL 244, 245, 246, 269, or 270 American Literature ___ ENGL 267 American Multiethnic Literature ___ ENGL 271 Pacific Northwest Literature

English 12: two classes required, consisting of one composition and one literature. ENGL 101 is required for 200 Level ENGL courses.

___ English 12 at High School (for the full year)	
Or choose one from this column	And one from this column
___ ENGL 101 (if not used for Jr. year) or 102 English Composition (requires a C or better in ENGL 101) ___ ENGL 103 Advanced Composition ___ ENGL 105 English Grammar ___ ENGL 108 Writing About Film ___ ENGL 109 Writing About Science (requires a C or better in ENGL 101) ___ ENGL 110 Composition for Literature (requires a C or better in ENGL 101) ___ ENGL 160 Writing for the Web ___ ENGL 235 Technical Writing	___ ENGL 127 Creative Non-Fiction Writing ___ ENGL 131 Intro to Poetry ___ ENGL 132 Intro to Drama ___ ENGL 133 Intro to Fiction ___ ENGL 140 Women in Literature ___ ENGL 141 Film as Literature ___ ENGL 143 Science Fiction and Fantasy ___ ENGL 145 Detective Fiction ___ ENGL 150 Intro to Classical Mythology ___ ENGL 156 Intro to Novel ___ ENGL 175 Intro to LGBTQ Studies ___ ENGL 254, 255, 256, 261, or 262 World Lit. ___ ENGL 264, 265, or 266 British Literature ___ ENGL 272 Intro to Shakespeare

Washington State History: for students that have yet to meet the WSH requirement.

___ HIST 214 Pacific Northwest History (not offered every quarter)
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World Themes: for students that have yet to meet the World Themes requirement.

___ HIST 126, 127, 128 World Civilizations
--

United States History: two classes required, one from each section.

___ U.S. History at High School (for the full year)	
Or choose one from this column	And one from this column
___ HIST 146, 147, 148 U.S. History	___ POLS 111 American National Government and Politics ___ SOC 131 Race and Ethnicity in the U.S. ___ HIST 146, 147, or 148 U.S. History ___ HIST 215 Survey of Women in U.S. History ___ HIST 219 Native American History ___ HIST 275 African American History

Appendix C – Running Start Acceptable Equivalent Courses

Contemporary World Problems (CWP): two classes required, one from each section.
(At least one of the two must be ECON 101, 107, 120, BUS 105, GEOG 107, or POLS 203)

___ CWP at High School (for the full year)	
Or choose one from this column	And one from this column
___ POLS 111 American Government	___ ECON 101 Intro to Economics
___ POLS 131 State and Local Government	___ BUS 105 Intro to International Business
___ WS 201 Women Around the World	___ ECON 110 Intro to the Global Economy
___ POLS 203 International Relations	___ ECON 120 International Economics (pre-req Econ 101)
___ GEOG 207 Economic Geography	___ ECON 201 Micro Economics
___ POLS 220 Geopolitics of the Middle East	___ ECON 202 Macro Economics
	___ POLS 203 International Relations

Math:

Any 100+ math class may count for a 3rd or 4th year of math based on the student's interests and the High School and Beyond Plan. Students are encouraged to talk to their Clark Advisor and choose classes that are appropriate for their Program of Study.

Science:

___ Complete OR	Courses coded: BIOL, CHEM, GEOL, PHYS (100+)
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Fine Arts:

___ Complete OR	Courses coded: ART, DRMA, MUSC, or MUSCA *Additional courses may be accepted with prior approval by your school counselor
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World Language:

___ Complete OR PPR	Spanish, Japanese, or Sign Language
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Physical Education:

___ Complete OR	Courses coded: PE, PEDNC, PEMAR (5+ credits)
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Health:

___ Complete OR	Courses coded: HLT (3+ credits) *Additional courses may be accepted with prior approval by your school counselor
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Career Technical Education (CTE):

___ Complete OR	___ BIOL 140 – Pacific NW Mammals ___ BMED 110 – Medical Terminology ___ BMED 138 – Legal Aspects Med Off ___ BTECH 149 – Comp. App Essentials ___ BTEC 169 – Excel ___ BUS 101 – Intro to Business ___ BUS 105 – International Business ___ CADD 102 – CADD Careers ___ CADD 140 – Basic Autocad ___ CADD 160 – Intro to CAM ___ CGT 101 – Photoshop Graphic ___ CSE 121 – Intro to C ___ CTEC 100 – Intro to Computing	___ CTEC 101 – Computing Essentials ___ CTEC 105 – Intro to Internet ___ CTEC 110 – Command Line Essentials ___ CTEC 122 – HTML Fundamentals ___ CTEC 205 – Intro to MIS ___ CTEC 213 – Comptia A+ ECON101 – Intro to Econ ___ MACH 133 – Vertical Milling ___ MGMT 103 – Applied Management ___ NUTR 103 – General Nutrition ___ PTWR 135 – Intro App Tech Writing ___ PSYC 200 – Lifespan Psychology
	*Additional courses may be accepted with prior approval by your school counselor	

Graduation Pathway:

___ Graduation standard on Smarter Balanced (ELA and math)	___ ACT or SAT score
___ Dual credit	___ ASVAB
___ Bridge to College	___ CTE Sequence
___ C+ in AP, or IB or achieving certain score on AP, IB	

Appendix D – Pathways to Graduation

In addition to course credit requirements, students must meet the requirements for one of eight *PATHWAYS* below.

1

Statewide Assessment Scores in ELA & Math

Achieve the graduation cut score on the on-grade level Smarter Balanced Assessment for [ELA \(2548\)](#) and/or [Math \(2595\)](#)

The first and most common pathway to graduation is to meet the graduation cut score on Smarter Balanced ELA and Math. All students will take this test in 10th grade and have the option to retake it in spring of 11th and 12th grade. (Designated IEP students may use WA-AIM scores.)

2

Advanced Placement Exams

Score a 3 or higher on one of the following AP/IB Exams:

English Language Arts: English Language and Composition, English Literature and Composition, Macroeconomics, Microeconomics, Psychology, US History, World History, US Government and Politics, or Comparative Government and Politics

Mathematics: Statistics, Computer Science, Computer Science Principles, or Calculus

3

College Admission Exam scores for ELA and/or Math (SAT/ACT)

Exam scores from the SAT, SAT with Essay, ACT, or ACT with Writing may be used, as applicable.

Minimum scores are:

	SAT with Essay	SAT	ACT with Writing	ACT
Math	430	430	16	16
ELA	410	N/A	14	N/A

4

Dual Credit Courses

For **AP/IB classes**, students must earn a C+ or higher and do not need to take or pass the AP exam.

College in the High School, CTE Dual Credit and Running Start classes that qualify are courses that earn high school graduation credit in English and math, and that allow students to earn college credit at the 100-level or higher. For CTE dual credit courses to meet this pathway requirement, the course must have a state or local course equivalency to meet high school subject area graduation requirements in English or math.

5

Transition Courses

Pass a Bridge-to-College course in ELA and/or Math, earning at least 1.0 credits per subject throughout the duration of an entire school year.



6

Combination

Students can meet their graduation pathway requirement with any combination of at least one ELA and at least one math pathway from options 1-5.

7

Armed Services Vocational Aptitude Battery (ASVAB)

Students whose high school and beyond plan include enlisting in the military can meet pathway requirements by earning at least the minimum score on the Armed Forces Qualification Test (AFQT) portion of the ASVAB. The current score students must meet is 31.

8

Career Technical Education Course Sequence

Students can meet a pathway requirement by completing a designated CTE course sequence connected to the High School and Beyond Plan. A sequence is two or more high school credits of CTE courses that are technically intensive and rigorous.

Additional Options

(Available for a limited time)

IEP Options

(available through class of **2021**)

- CIA-Cut score for SBA ELA/Math
- Off-Grade level tests in ELA/Math
- LDA in ELA/Math

Expedited Appeal

(available through class of **2020**)

Admission to higher education institution or career preparation program is the most common reason.

GPA Comparison and Collection of Evidence

(available through class of **2020** to students that met this option in 2018-2019 or earlier)

Appendix E – Credit Recovery Options

Contact any Vancouver School District high school counselor for additional information on the following Credit Recovery and Alternative Learning options.

Vancouver School District Credit Recovery opportunities:

- **Computer-based curriculum** which allows students the opportunity to complete coursework from previously failed classes and receive a passing grade and credit. Students may complete as many courses as time permits during the semester. Contact the counselor for registration.
- **Limited Electives and Summer School:** Computer-based curriculum for credit recovery in English, math, social studies and science. Physical education credit will also be available. Morning, afternoon and evening sessions may be available, and students may register for multiple sessions. Applications and information about exact dates will be available from school counselors in the spring of the year.

Additional Credit Recovery options available through:

- **Correspondence Classes:** Independent study at home, either through the mail or on-line from Brigham Young University or Portland State University with prior approval. See your high school counseling center for more information. Costs generally range from \$100 to \$150 per 0.5 credit, plus books.
- **Clark College Classes:** Student must pay own tuition. Additional information available from any high school counselor.
- **Cascadia Tech Academy Summer School:** No Cost! Students can earn 0.5 miscellaneous credits or 0.5 Health. Contact Cascadia Tech Academy at 604-1050, or ANY Vancouver School District high school career center for information.

Appendix F – District Approved Equivalency Credits



Equivalency and 2-for-1 Credit

The law allows students to meet two graduation requirements by taking Career and Technical Education (CTE) courses that have been approved for the equivalency credit by the district.

Equivalency and 2-for-1 credit is defined as credit earned in a course in one subject area that satisfies academic requirements in two subject areas.

VPS CTE Course	CTE or Core Credit	Equivalency Subjects
Principles of Engineering	0.5 / 0.5 / 1	Art/Science/Math (3rd)
Acappella Choir	1	CTE
Advanced Orchestra	1	CTE
Wind Ensemble	1	CTE
Health Wellness	0.5	CTE / Health
Our Voices: Social Action	1	Art / English
Planting the Seeds	1	Science / English
Careers in Education	1	English (Senior)
Health Sciences and Careers	0.5	Health
AP Computer Science A	1 / 1	Math / Science
AP Computer Science Principles	1 / 1	Math / Science
Applied Algebra	1	Math
Digital Electronics	0.5 / 0.5	Math / Science
Financial Algebra	1	Math
IB Computer Science*	1 / 1	Math / Science
IB Computer Science 2	1 / 1	Math / Science
Intro to Engineering Design	0.5 / 0.5	Math / Art
Athletic Medicine (magnet students only)	0.5	PE
Food and Fitness	0.5 / 1	PE
Advanced Horticulture	1	Science
Advanced Horticulture (2 period block)	2	Science
Advanced Natural Resources and Conservation	1	Science
AP Environmental Science	1	Science
Environmental Sustainability	1	Science
Horticulture Science	1	Biology
Natural Resources and Conservation	1	Science
AP Economics*	1	Social Studies
Advanced Design Technology	1	Visual Arts
Advanced Graphic Design	1	Visual Arts
Advanced Video Production	1	Visual Arts
Advanced Video Production (2 per block)	2	Visual Arts
AP Studio Art 2D Graphic Design	1	Visual Arts
AP Studio Art 2D Photo	1	Visual Arts
Graphic Design	1	Visual Arts
IB Visual Art (Film)	1	Visual Arts
iTech Digital Photo STEM	0.5 / 1	Visual Arts
iTech Pre Engineering Design Technology	1	Visual Arts
iTech Visual Media Publications	1	Visual Arts
MIA Focus	1	Visual Arts
MIA Narrative 1	1	Visual Arts
MIA Narrative 2	1	Visual Arts

Appendix F – District Approved Equivalency Credits



Equivalency and 2-for-1 Credit

The law allows students to meet two graduation requirements by taking Career and Technical Education (CTE) courses that have been approved for the equivalency credit by the district.

Equivalency and 2-for-1 credit is defined as credit earned in a course in one subject area that satisfies academic requirements in two subject areas.

VPS CTE Course	CTE or Core Credit	Equivalency Subjects
Movie Making	1	Visual Arts
Multimedia Exploration	0.5	Visual Arts
Photography I	0.5	Visual Arts
Photography II	0.5	Visual Arts
Photography III	0.5 / 1	Visual Arts
Recording Arts and Sound Technology	1	Visual Arts
Special Art	0.5 / 1	Visual Arts
Technical Theatre	1	Visual Arts
Video Production	0.5 / 1	Visual Arts
Visual Arts & Design II	1	Visual Arts
Yearbook	0.5	Visual Arts
American Sign Language 1, 2, 3, 4	0.5 / 1	World Language
Translation and Interpretation	1	World Language
CTE Course at Cascadia Tech	CTE or Core Credit	Equivalency Subjects
Cascadia Applied Medical Science* (yr 1)	0.5 / 1 / 0.5	English 11 / Health / Lab Science
Cascadia Automotive Tech* (yr 1 / yr 2)	1 / 0.5	Health
Cascadia Aviation Tech* (yr 1 / yr 2)	1 / 1	Math (3rd) / Lab Science
Cascadia Business Principles (yr 1)	1	English 11
Cascadia Construction Tech* (yr 1 / yr 2)	1	3rd Year Math
Cascadia Cosmetology* (yr 1 / yr 2)	0.5 / 0.5	Health / Lab Science
Cascadia Criminal Justice* (yr 1)	1 / 0.5	US History / PE
Cascadia Criminal Justice* (yr 2)	1 / 0.5	CWP / PE
Cascadia Culinary* (yr 1 / yr 2)	0.5	Health
Cascadia Dental* (yr 1)	1 / 1	Health / Lab Science
Cascadia Diesel Tech* (yr 1 / yr 2)	1 / 0.5	Lab Science / Math (3rd)
Cascadia Fashion Merchandizing and Retail Management* (yr 1 / yr 2)	1	Visual Arts
Cascadia Fire Science* (yr 1 / yr 2)	0.5 / 0.5	Lab Science / PE
Cascadia Health Careers (summer only)*	0.5	Health
Cascadia Hospitality and Tourism (yr 1 / yr 2)	0.5	English 11
Cascadia ITS3* (yr 1)	1 / 0.5	Math (3rd) / Lab Science
Cascadia ITS3* (yr 2)	n/a / 0.5	n/a / Lab Science
Cascadia Legal/Medical*	1	English 11
Cascadia Pre Engineering Design and Technology* (yr 1)	1 / 0.5 / 0.5	Math (3rd) / Visual Arts / Lab Science
Cascadia Pre Engineering Design and Technology* (yr 2)	n/a / 0.5 / 0.5	n/a / Visual Arts / Lab Science