

2022  
2023

# Central Valley High School COURSE CATALOG



**Our mission is learning  
...Excellence in all we do!**

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821 S. Sullivan Road, Spokane Valley, WA 99037

**Go BEARS!**



CENTRAL VALLEY  
SCHOOL DISTRICT #356

# Central Valley High School is Your School!

This course catalog has been prepared to help you make good choices for your future. Whether you plan to attend college or a technical school, enter military service or the workplace, the world is changing and you will want to be prepared for it. Take time to study the catalog and use it to help you make thoughtful course selections.

Every effort has been made to provide accurate information, and this catalog was believed to be accurate at the time of publication. Courses, requirements, fees, and policies are subject to revision. Check with counselors or administrators for current information.

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Central Valley High School is accredited by the Association of Educational Service Districts.

### Non-Discrimination Policy:

Central Valley School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employee has been designated to handle questions and complaints of alleged discrimination:

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# Graduation Requirements

High school students must fulfill two requirements to receive a high school diploma. These requirements, set by the Washington State Board of Education and the Central Valley School District Board of Directors, help ensure graduates have a solid foundation of skills and knowledge to be prepared for the next steps in life. The transcript indicates whether the student has met standards for the High School and Beyond Plan and one of the required graduation pathway options.

## 1. High School and Beyond Plan:

Students develop a plan for meeting the high school graduation requirements and for connecting successfully to their next steps in life. A student's plan should include the classes needed in preparation for a two- or four-year college, a vocational or technical school, a certificate program, or the workforce. This plan is updated each year in Advisory and is part of the senior portfolio.

HSBP: Student Goal—1st Year after Graduation	Graduation Pathways
Career/Technical Field	Complete sequence of CTE courses (which includes the potential to earn college credit or earn an industry recognized credential)
Military Enlistment	ASVAB Score
General Postsecondary Education (Two- or four-year college)	Smarter Balanced HS Assessment or WA-AIM (ELA and/or Math)
	SAT or ACT scores on ELA and/or Math sections
	Earn College Credit in ELA and/or Math
	Transition Course in ELA and/or Math
	AP/IB/Cambridge Courses or Exams in ELA and/or Math
	Combination of ELA & Math option from any general post-secondary education pathways

## 2. Credit Requirements:

Students pass a required number of classes and earn credits in language arts, math, science (including at least one credit in lab courses), social studies, health and fitness, visual or performing arts, career and technical education, and electives.

Grad Req Code	Subject Area	Credits Required for Graduation
LA	<b>Language Arts</b> (grades 9-12)	4.0
MA	<b>Mathematics</b>	
	• Algebra 1A & 1B (grade 9)	1.0
	• Geometry A & B (grade 10)	1.0
	• Algebra 2A & 2B or alternative (grade 11)	1.0
SC	<b>Science</b>	3.0 *2 lab SC
SS	<b>Social Studies</b>	
WH	• World History (grade 10)	1.0
US	• US History 1 & 2 (grade 11)	1.0
CW	• Current World Problems (grade 12)	0.5
CI	• Civics (grade 12)	0.5
HF	<b>Health &amp; Fitness</b>	
	• Health & Physical Wellness (grade 9)	0.5
	• Health & Fitness (grade 9-12)	1.5
WL	<b>World Languages</b>	2.0 1-2 credits may be PPR*
FA	<b>Fine Arts</b> (Visual, Theater, Music)	2.0 1 credit may be PPR*
CT	<b>Career &amp; Technical Education (CTE)</b>	1.0
EL	<b>Electives</b>	4.0
	Advisory (no credit; indicate grade earned each semester)	
	<b>TOTAL</b>	<b>24</b>

**\*PPR = Personalized Pathway Requirements**

# College Entrance Requirements

## FOUR-YEAR PUBLIC AND INDEPENDENT COLLEGES

Most of the colleges in Washington and over half in the United States are classified as independent colleges. This means that even though they are approved and accredited to grant diplomas, they vary greatly on what they teach and what they require for entrance. **Each college sets its own standards for admission. Students are responsible for knowing and meeting guidelines for the colleges of their choice.**

Four-year colleges take into consideration a variety of factors when considering students for admission. These factors include, but are not limited to, high school course of study, GPA, ACT/SAT scores, essays, and extracurricular and community service activities. Students are encouraged to take a strong curriculum each year in order to be prepared for college coursework.

Four-year public colleges in the state of Washington (University of Washington, Washington State University, The Evergreen State College, Eastern Washington University, Central Washington University, and Western Washington University) have agreed to common entrance requirements. Students will be required to earn a minimum of three **College Academic Distribution Requirements (CADR)** credits during each year of high school, meeting the minimum requirements here:

English . . . . .	4 credits
Math* (through Algebra 2B) . . . . .	3 credits
Science, lab-based** . . . . .	2 credits
Social Science/History . . . . .	3 credits
Arts*** . . . . .	1 credit
Foreign Language (single world language) . . . . .	2 credits

- \* Public four-year colleges in Washington state also require one year of a quantitative course senior year. This can be achieved by passing a fourth year of math, an algebra-based science senior year, or the required third year of math during the senior year.
- \*\* One credit also must be algebra based: i.e. Physics or Chemistry
- \*\*\* Other academic electives may substitute, but not at all institutions.

CVHS classes that meet CADR requirements are marked with a **“B”** designation code in the course description.

High school students are strongly encouraged to exceed both the CADR and high school graduation requirements to improve their potential for success. Individual institutions may have more rigorous standards or may have different processes to consider individual exceptions. **Prospective students should obtain the admission information provided by the institutions.**

## NCAA REQUIREMENTS

If you want to play sports at an NCAA Division I or II school, start by registering with the NCAA Eligibility Center at [ncaa.org](http://ncaa.org) during your sophomore year. NCAA schools require college-bound student-athletes to build a foundation of high school courses to prepare them for the college classroom. Not all high school classes count as NCAA core classes. Visit the NCAA eligibility center for a full list of CVHS approved core courses. For additional information, see your counselor.

**Note:** Student athletes need to register for the NCAA Clearinghouse before the end of their junior year. **Students are responsible for knowing and meeting the NCAA requirements for college admission and participation in college sports.**

## COMMUNITY COLLEGES

Community colleges in Washington and Idaho have an open enrollment policy. This means that in most circumstances if a student has a high school diploma or a GED, the college will admit him or her. Applications for all community colleges in the state of Washington and for North Idaho College in Coeur d'Alene are available online.

However, just because a student is admitted to the college doesn't mean that he or she can take college level courses or can be admitted to a particular technical program. Various specialty programs within the college may require certain courses or test scores for entrance.

All students entering the community colleges must take a test for placement purposes. Those students who do not pass the test must take remedial courses that do not count toward a degree. Counselors recommend students take as much math and English as possible in order to prepare for college-level work.

## Running Start

Running Start is a college-credit program that allows students to earn high school and college credit simultaneously at Spokane Community College (SCC), Spokane Falls Community College (SFCC), or Eastern Washington University (EWU).

**See page 50 for more information.**



# Earning College Credit in High School

The courses listed below are articulated with local colleges. College credits, including those awarded through direct transcription, may or may not transfer directly to a specific department or university. CTE dual credits may not transfer to an institution outside the state's community/technical college system. It is the responsibility of the student to consult with those institutions concerning specific credit transfer and admissions requirements. **The high school is not involved with either the transcript request, the transfer evaluation or communication between institutions of higher education regarding specific students.**

High School Class/Requirements	College Course	Credits	College
A+ Computer Repair	*IS 103 Fundamentals	5	SFCC
Accounting 1 [8111] AND SCC Assessment	*ACCT 151 College Accounting I	5	SCC
Accounting 2 [8112] AND SCC Assessment	*ACCT 152 College Accounting II	5	SCC
Adv Business & Marketing 1 [8152] AND 2 [8153]	*MMGT 211 Marketing	5	SCC
Adv Food Production	*HM 116 Nutrition for Chefs & Restaurant Managers	3	SCC
Careers in Education 1 [8461] AND 2 [8462]	*EDUC 100 Exploring Teaching	5	SFCC
Computer Science Principles 1 [8249] AND 2 [8250]	*IS 125 Linux & Python Fundamentals	5	SFCC
Contemporary English 1 [8131] AND 2 [8132]	*BT 105 Basic Grammar for Business II	5	SCC
Cyber Security	*IS 244 Network Security	5	SFCC
Early Childhood Ed 1 [8451], 2 [8452], & 3 [8453]	*ECED& 170 Observation/Assessment <b>AND</b>	3	SFCC
	*ECED& 190 Observation/Assessment <b>AND</b>	3	
	*ECED& 191 Practicum: Observation/Assessment	2	
Graphic Arts 1 [8217]	*GRDSN 156 Illustrator I	2	SFCC
Graphic Arts 2 [8218]	*GRDSN 163 InDesign I	2	SFCC
Intro to Engineering 1 [8311] AND 2 [8312]	*CAD 142 CAD Solid Modeling	3	SCC
LA Technology Literacy	*IS 125 Linux & Python Fundamentals	5	SFCC
Networking Fundamentals	*IS 165 Networking Fundamentals	5	SFCC
Personal Finance	*BUS 103 & 104 Basic Business Mathematics	5	SCC/SFCC
Photography 1 [8221] AND 2 [8222]	*PHOTO 126 Digital Photography I	5	SFCC
Spanish 3	^ SPAN 103 Spanish 3	5	EWU

\*CTE Dual Credit program post-secondary credits are attainable by grades 9-12. All course competencies must be met with a 2.0 or better to earn college credit.

^College-in-the-High-School program post-secondary credits are attainable by grades 10-12; per credit fee may be payable to the college

# Course Equivalencies

## What are course equivalencies?

Course equivalency, also known as cross-crediting, refers to Career and Technical Education (CTE) courses or sequences of CTE courses that also meet academic requirements. In some cases, the terms may also be applied to other courses that have been deemed to meet requirements of another content area. When a course is identified as “equivalent,” it may apply to more than one graduation requirement category, allowing students more flexibility in choosing classes and supporting High School and Beyond Planning. The following courses have been approved for equivalency credit.

CTE Course	Course Number	Core Equivalency	CTE or Core Credit per Semester	Prerequisite/Condition
Accounting	8111/8112	Math	0.50	Met grades 9 & 10 math requirements
American Sign Language (ASL) 1	8441/8442	World Language	0.50	N/A
American Sign Language (ASL) 2	8443/8444	World Language	0.50	N/A
American Sign Language (ASL) 3	8445/8446	World Language	0.50	N/A
Biomedical Innovations	8425/8426	Lab Science	0.50	N/A
Computer Animation	8213-8214	Fine Arts	0.50	N/A
Intro to Game Development	8247	Fine Arts	0.50	N/A
Computer Science Principles	8249/8250C	Lab Science	0.50	N/A
AP Computer Science Principles	8249A/8250A	Lab Science OR	0.50	N/A
AP Computer Science Principles	8249A/8250A	Math	0.50	Senior Status
Contemporary English	8131/8132	Language Arts	0.50	N/A
Discover Digital Media	8201	Fine Arts	0.50	N/A
Graphic Arts	8217/8218	Fine Arts	0.50	N/A
Intro to Engineering	8311/8312	Math OR	0.50	Met grades 9 & 10 math requirements
Intro to Engineering	8311/8312	Fine Arts	0.50	N/A
Engineering Physics	8321/22	Lab Science	0.50	N/A
Human Body Systems	8421/8422	Lab Science	0.50	N/A
Language Arts & Tech Literacy	8207/8208	Language Arts	0.50	N/A
Medical Interventions	8423/8424	Lab Science	0.50	N/A
Personal Finance	8181/8182	Math	0.50	Met grades 9 & 10 math requirements
Photography	8221-8223	Fine Arts	0.50	N/A
Principles of Biomedical Science	8411/8412	Lab Science	0.50	N/A
Tech Theatre	8236-8239	Fine Arts	0.50	N/A
Video/Media Production	8233-8235	Fine Arts	0.50	N/A
NON CTE Course	Course Number	Core Equivalency		Prerequisite/Condition
Debate (LA)	1573/1574	Fine Arts	0.50	N/A
Dance/Music Theatre (FA)	7210	Health/PE	0.50	N/A
Yearbook	9341/9342	Fine Arts	0.50	N/A

# Education and Career Directions

## APPRENTICESHIPS

An apprenticeship is a training program based upon a written agreement between the worker (apprentice) and the employer; the worker learns a skilled trade or craft on the job. Most apprenticeship programs require more than one year of on-the-job training under the supervision of an experienced worker, plus additional course work. Application for apprenticeship may be made to an employer, labor union, a joint apprenticeship and training committee, or the local state employment service office. For more information, visit [www.scc.spokane.edu/?apprentprog](http://www.scc.spokane.edu/?apprentprog). Pre-apprenticeships provide the opportunity for those wishing to gain apprenticeships to complete prerequisite courses relevant to the industry in which they hope to work.

## COMMUNITY AND TECHNICAL COLLEGE

Over 30 community and technical colleges in the state of Washington offer career/technical training programs that vary in length from a few weeks to two years. In addition to state colleges and career and technical schools, there are over 100 private career schools in the state that provide specialized training. Students can attend any of the state's community colleges and earn an Associate of Arts (AA) or Associate of Science Transfer (AST) Degree. These degrees allow the student to transfer to any four-year college in the state of Washington and begin as a college junior if entrance requirements are met. Any student with a high school diploma can be admitted to a community college in the AA/AST Degree program.

## CORRESPONDENCE AND COLLEGE COURSES

Credit toward graduation requirements may be granted for planned learning experiences primarily conducted away from the facilities owned, operated or supervised by a district. A maximum of 2 (two) credits for pre-approved correspondence and/or out-of-district online courses may be accepted for meeting graduation course requirements if the program satisfies the requirements of WAC 392-121-182.

## EMPLOYMENT

Over the course of their high school careers, students have the opportunity in Advisory to consider their interests and aptitudes while they explore options for after high school. Many Advisory assignments are designed to prepare students to successfully enter the world of work.

Students applying for a job should remember these tips:

1. The Xello Program helps students focus their interests and options.
2. Students can locate job openings by using multiple sources – the Internet, want ads, employment agencies, placement services, civil service agencies, friends, and relatives.
3. An up-to-date professional résumé highlights education and experiences.
4. A letter of application should be written with proper formatting and punctuation, and it should include relevant concrete details about the student.
5. Employment applications should be filled out completely, accurately, and neatly.
6. Strong interviewing techniques are essential.

## FOUR-YEAR COLLEGE

The state of Washington has one of the nation's top four-year college systems. State or private universities and colleges offer a traditional liberal arts degree as well as more specialized college degrees. Students may enter these schools as freshmen or they may transfer in from one of Washington's community colleges. Most of the four-year colleges, both private and public, have specific admissions requirements. Students should check with their counselor and the college regarding entrance requirements for both the community and four-year colleges.

## MILITARY

A high school graduate who enlists in the Air Force, Army, Navy, Coast Guard, or Marine Corps will have the opportunity to select a military occupational specialty. During a four-year enlistment, a person may receive the equivalent of a junior college education in various occupational areas. In some occupational areas, the military services will provide four or more years of college with an extended period of enlistment. Students may get more information by talking to local recruiting officers.

## ROTC

At some four-year colleges, students may apply for the Reserve Officer Training Corps program in one of the branches of the military. Students attend the college full-time while fulfilling required ROTC classes. After earning a degree, the student serves a set amount of years in that branch of the military as an officer.

# Policies, Procedures and Programs

## **ADVISORY**

Advisory is designed to promote success by providing each student with an adult advocate for his or her entire high school career. Advisory classes meet weekly. When needed, Advisory time will be extended to accomplish certain tasks/activities. Students will receive an “S” grade for satisfactory or a “U” grade for unsatisfactory. Students must satisfactorily complete 8 semesters of Advisory and a High School & Beyond Plan each year to graduate from CVHS.

## **CREDIT FOR MIDDLE SCHOOL CLASSES**

Students in the graduating class of 2022 & 2023 have the option to request that high school credit be given for Algebra 1 taken in middle school. These students should obtain a “High School Credit Request” form from a counselor. Courses cannot be removed from the high school transcript once this option has been exercised. Student in the graduating class of 2024 and beyond will automatically have credit recorded on their transcript for any high school course taken in 8th grade (ex. Algebra 1, Spanish 1). To have the course(s) removed, a student must complete the appropriate form with their counselor. Grades assigned to all transcribed courses will be included in the student's overall high school grade point average.

## **DROPPING A CLASS**

After 5 days of a semester, students must obtain administrative approval to drop a class without receiving a failing grade. Students must remain in a class for the duration of each semester. Study hall is not offered.

## **GRADE REPLACEMENT POLICY**

According to state and district policy, students may repeat a class to gain additional skills or improve a grade. Students interested in choosing this option should work closely with their counselor to determine whether they want to receive credit for the first attempt. The grade for the first attempt will remain listed on the transcript.

## **HEALTH AND FITNESS WAIVER**

Pursuant to RCW 28A.230.050 and CVSD policy 2410, students requesting to waive Health and Fitness graduation requirements must complete the appropriate form prior to the first day of the activity. Forms are available in the Counseling Center. The maximum number of Health and Fitness credits that can be waived is 1.5; students may not waive Health and Physical Wellness.

## **ADVANCED PLACEMENT**

The Advanced Placement (AP) Program allows students to take college-level courses in high school. These courses are taught by high school teachers who follow curriculum guides established by college faculty through the College Board Advanced Placement Program. Expectations for academic performance, behavior, maturity and time commitment are at the college level. Parents and students should expect more reading and homework and expect to be evaluated as a college student.

Students who score '3' or above on a five-point scale may earn college credit at colleges and universities across the state and country. Each college defines what scores it accepts for credit or course placement. CVHS only administers AP tests for courses taught in our building. AP courses offered: AB & BC Calculus, Art History, Biology, Chemistry, Computer Science Principles, English Language, English Literature, Environmental Science, European History, Government, Physics, Statistics, Studio Art, U.S. History, World History, AP Seminar and AP Research.

## **GRADUATION PATHWAY REQUIREMENTS**

State assessments are currently administered in three areas: English Language Arts (ELA), Math and Science. Students who do not meet standard by passing state assessments may complete other options for meeting state graduation requirements. Students should work with their counselors and special education case managers to stay on track for meeting requirements.

## **TESTING ACCOMMODATIONS**

Students qualifying for special testing accommodations (e.g., SAT, PSAT, AP, ACT, etc.) need to contact their counselor at least three months prior to the testing date.

## **VALEDICTORIAN AND SALUTATORIAN POLICY**

Students pursuing the honor of valedictorian or salutatorian do so with the understanding that their educational program must reflect a rigorous academic program and that they will need to make informed choices in selecting courses. Central Valley School District Board Policy 2410AP, which can be accessed on the district website [www.cvsd.org](http://www.cvsd.org), outlines the current criteria for valedictorian and salutatorian selection. Participation in Running Start does not replace AP requirements.



# Graduation Credit Check

AA, AAS, Career/Tech, Military, Work

Name: \_\_\_\_\_

Personal Pathway: \_\_\_\_\_

## Credits by Year

9th Grade . . . . . 12 classes / 6 credits  
 10th Grade . . . . . 12 classes / 6 credits  
 11th Grade . . . . . 12 classes / 6 credits  
 12th Grade . . . . . 12 classes / 6 credits

**Total . . . . . 48 classes / 24 credits  
 Required to Graduate . . . . . 24 Credits**

## Credits by Subject

Language Arts . . . . . 4.0 credits  
 Math . . . . . 3.0  
 Science . . . . . 3.0 (2 lab)  
 Social Studies . . . . . 3.0  
 Health & Fitness . . . . . 2.0  
 World Languages . . . . . 2.0 \*May be PPR  
 Fine Arts . . . . . 2.0 \*1 may be PPR  
 CTE . . . . . 1.0  
 Electives . . . . . 4.0  
**Total . . . . . 24 credits**

<b>LA – Language Arts</b>								
<b>MA – Math*</b>	Algebra 1A	Algebra 1B	Geometry A	Geometry B				
<b>SC – Science</b>								
<b>SS – Social Studies</b>	WH	WH	US	US	CWP	Civics		
<b>HF – Health &amp; Fitness</b>	Health							[PE waiver does not give credit]
<b>WL – World Language</b> *or PPR	*or PPR	*or PPR	*or PPR	*or PPR				
<b>FA – Fine Arts</b>			*or PPR	*or PPR				
<b>CT – CTE</b>								
<b>EL – Electives</b>								
<b>Advisory</b>	9	9	10	10	11	11	12	12
<b>State Testing Scores</b>	LA	MA	Science	WA State History				

**\*Students who opt out of Alg. 2A & 2B as their 3rd year of math requirement** must enroll and pass one year of the following math or cross credited math classes in order to graduate from high school: **Math:** Quantitative & Fin, AP Statistics; **CTE:** Intro to Engineering, Accounting 1 & 2, Architecture & Interior Design, Personal Finance

**Personalized Pathway Requirements (PPR):** Personalized Pathway Requirements are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan. These classes may replace up to 1.0 Fine Art credits and 2.0 World Language credits.

# Graduation Credit Check

## Four-Year College

Name: \_\_\_\_\_

Personal Pathway: \_\_\_\_\_

### Credits by Year

9th Grade . . . . . 12 classes / 6 credits  
 10th Grade . . . . . 12 classes / 6 credits  
 11th Grade . . . . . 12 classes / 6 credits  
 12th Grade . . . . . 12 classes / 6 credits

**Total . . . . . 48 classes / 24 credits**  
**Required to Graduate . . . . . 24 Credits**

### Credits by Subject

Language Arts . . . . . 4.0 credits  
 Math . . . . . 3.0  
 Science . . . . . 3.0 (2 lab)  
 Social Studies . . . . . 3.0  
 Health & Fitness . . . . . 2.0  
 World Languages . . . . . 2.0  
 Fine Arts . . . . . 2.0 \*1 may be PPR  
 CTE . . . . . 1.0  
 Electives . . . . . 4.0  
**Total . . . . . 24 credits**

<b>LA – Language Arts</b>								
<b>MA – Math*</b>	Algebra 1A	Algebra 1B	Geometry A	Geometry B	Algebra 2A	Algebra 2B	Sr	Sr
<b>SC – Science</b>					Math-based SC	Math-based SC		
<b>SS – Social Studies</b>	WH	WH	US	US	CWP	Civics		
<b>HF – Health &amp; Fitness</b>	Health							
								[PE waiver does not give credit]
<b>FA – Fine Arts</b>			*or PPR	*or PPR				
<b>CT – CTE</b>								
<b>WL – World Language</b>								
<b>EL – Electives</b>								
<b>Advisory</b>	9	9	10	10	11	11	12	12
<b>State Testing Scores</b>	LA	MA	Science	WA State History				

**\*One credit of a quantitative math class is required in the senior year unless Pre-Calculus has been completed.**

These classes meet this requirement:

**Math:** Model World Math A&B • Quant Financial • Alg 2 A&B • Bridge to College • Precalculus • AP Stats 1&2 • AP Calculus AB and BC 1&2

**Science:** Chemistry 1&2 • AP Chem 1&2 • Physics 1&2 • AP Physics 1&2 • AP Computer Science

**CTE:** Accounting 1&2 • Arch & Interior Design 1&2 • Intro Engineering 1&2 • Personal Finance • Engineering Physics 1&2

**Personalized Pathway Requirements (PPR):** Personalized Pathway Requirements are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan. These classes may replace up to 1.0 Fine Art credits and 2.0 World Language credits.

# Registration Information

In the spring of each year, students submit course requests for the following school year. Every effort is made for students to take their first choice of courses, but students may need to be placed in their alternate courses. It is very important for students to give careful consideration to the courses and alternate courses they request. Changes may not be possible.

It is especially important for students to choose Advanced Placement courses carefully. When students request AP classes, they are making a commitment. Changes requested after the initial registration process will be evaluated on a case by case basis by an administrator; other placements may no longer be available.

Note: After five days, students must obtain administrative approval to drop a class without receiving a failing grade. Students must remain in their assigned classes for the duration of each semester.

## READING THE COURSE CATALOG

This course catalog offers several aids to help students choose classes that best fit their aspirations. Course descriptions give details about course content. Also, two sets of information refer to graduation requirements and transcript course designation codes (where applicable).

For example, in the sample below, the “Grad Req Codes” indicates that these classes meet graduation requirements for math; after all math graduation credits are fulfilled, the course counts as an elective. On the student's transcript, a “B” will designate that the course meets a college core requirement for Washington four-year public colleges. This course has also been approved by NCAA to meet math requirements.

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### 3211 / 3212      **Geometry A & B**

Geometry covers two semesters and will continue to build upon the foundations that were established in Algebra 1. The core content areas of study include: logical arguments and proofs, lines and angles, two- and three-dimensional figures, the coordinate plane, and geometric transformations. Students will also reason, problem solve, and communicate mathematically in this course.

**GRADES:** 9, 10

**PREREQUISITE:** Sequential; successful completion of Algebra 1. The TI-83 or equivalent graphing calculator will be required for this class

**GRAD REQ CODES:**      MA, EL

**TRANSCRIPT CODES:**    B, Q

**NCAA ELIGIBLE**

See Page 4



#### KEY TO GRADUATION REQUIREMENT CODES (GRAD REQ CODES:)

LA—Language Arts  
MA—Math  
SC—Science  
SS—Social Studies  
WH—World History  
US—US History  
CW—Current World Problems  
CI—Civics  
HF—Health & Fitness  
WL—World Languages  
FA—Fine Arts  
CT—Career & Technical Ed.  
EL—Elective



#### KEY TO WA STATE TRANSCRIPT COURSE DESIGNATION CODES (TRANSCRIPT CODES:)

Each official transcript includes code designations for courses that meet established criteria. These codes can help students plan for post-secondary requirements:

A—Advanced Placement  
B—College Academic Distribution Requirements (CADR)  
C—College in the High School  
F—CTE Core Plus  
N—National competency test  
Q—Quantitative  
R—Running Start  
T—Tech prep  
S—Lab science

# English Language Arts (ELA)

Students must earn four Language Arts credits. Students are expected to take the Language Arts SBAC exam during their sophomore year.

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
1111 / 1112	9th Grade Language Arts 1 & 2	No	9	B
1113 / 1114	Accelerated 9th Grade Language Arts 1 & 2*	No	9	B
1211 / 1212	10th Language Arts 1 & 2	Yes	10	B
1215 / 1216	Accelerated 10th Grade Language Arts 1 & 2	Yes	10	B
1311 / 1312	American Literature 1 & 2	Yes	11	B
1411 / 1412	Writing/Research for College 1 & 2	Yes	12	B
1425 / 1426	Bridge to College English Language Arts 1 & 2	No	12	B
1572 / 1574	Speech and Debate 1 & 2	Yes	9, 10, 11, 12	B
1811 / 1812	Mythology/Science Fiction & Fantasy 1 & 2	Yes	12	B
1911A / 1912A	AP English Language & Composition 1 & 2*	Yes	11	A, B
1913A / 1914A	AP English Literature & Composition 1 & 2*	Yes	12	A, B
8131 / 8132	Contemporary English 1 & 2	Yes	11, 12	B, T
8207 / 8208	Language Arts & Technology Literacy 1 & 2	No	10, 11, 12	B, T
1111R / 1112R	9th Grade Language Arts 1 & 2	Yes, CP	9	-
1211R / 1212R	10th Grade Language Arts 1 & 2	Yes, CP	10	-
1311R / 1312R	American Literature 1 & 2	Yes, CP	11	-
1409R / 1410R	Senior English 1 & 2	Yes, CP	12	-

\*Summer Homework  
CP – Counselor Placement

## 1111 / 1112 9th Grade Language Arts 1 & 2

Both semesters emphasize the Washington State Language Arts and Literacy standards and provide extensive practice in the skills and strategies required to pass the state reading and writing assessment. Students will work on reading and literary comprehension by studying a variety of short stories, poems, non-fiction articles, plays and novels. Students will continue their understanding of the writing process by composing written work in a variety of forms, including at least two full-length essays. Major texts include *The Odyssey*, *Romeo and Juliet*, *To Kill a Mockingbird* and *Lord of the Flies*.

**GRADES:** 9  
**PREREQUISITE:** None  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

## 1113 / 1114 Accelerated 9th Grade Language Arts 1 & 2

Freshman Accelerated Language Arts is a two-semester class for highly capable and highly motivated students. Students will read contemporary and classic literature, employ critical thinking strategies, and communicate effectively. When writing, students will learn and demonstrate the process and the skills of effective persuasive, analytical, and expository essays. This class is intended for students who want to go beyond the general grade-level expectations in Language Arts. This class emphasizes preparing students to demonstrate high levels of mastery on the Advanced Placement Language and Advanced Placement Literature exams as well as on the SAT and ACT exams.

**GRADES:** 9  
**PREREQUISITE:** None, Summer homework required  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**1211 / 1212      10th Grade Language Arts 1 & 2**

Both semesters emphasize the Washington State Language Arts and Literacy standards. Both classes provide extensive practice in the skills and strategies required to pass the state assessment in reading and writing. Students will work on reading and literary comprehension by studying a variety of short stories, poems, nonfiction articles, plays, and novels. Students will continue their understanding of the writing process by composing written works, including at least two full-length essays, in a variety of forms.

**GRADES:** 10  
**PREREQUISITE:** Successful completion of, or enrollment in 9th Grade ELA or equivalent courses  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**1215 / 1216      Accelerated 10th Grade Language Arts 1 & 2**

Sophomore Accelerated Language Arts is designed for college-bound students who have demonstrated strong skills in the areas of reading, writing, and reasoning. Emphasis is placed on interpreting, analyzing, and evaluating higher level fiction and nonfiction texts. This class is intended for students who want to go beyond the general grade-level expectations in Language Arts. This class emphasizes preparing students to demonstrate high levels of mastery on the Advanced Placement Language and Advanced Placement Literature exams as well as on the SAT and ACT exams.

**GRADES:** 10  
**PREREQUISITE:** Successful completion of, or enrollment in, 9th grade ELA or equivalent courses  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**1311 / 1312      American Literature 1 & 2**

American Literature 1 and 2 emphasize the Language Arts Common Core State Standards in reading, writing, listening, and speaking. Students will read fiction and nonfiction by American authors from the pre-colonial period through the present and will write a variety of essays including arguments, narratives, and a research paper.

**GRADES:** 11  
**PREREQUISITE:** Successful completion of 9th and 10th Grade ELA or equivalent courses  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**1411 / 1412      Writing/Research for College 1 & 2**

Writing/Research for College is a college-prep course that prepares students for the higher order thinking skills they will face at the college level and into their career fields. Featuring a variety of composition and literary experiences, this class is aimed toward the goal of developing independent thinkers. Students will work on college and career readiness, including cover letters, college applications, resumes, text-based essays, and research strategies. Students will also develop skills needed for creative and argumentative writing, critical reading of both fiction and non-fiction texts, speaking, and listening. Students will leave this class with the confidence that they're prepared for success in college and beyond.

**GRADES:** 12  
**PREREQUISITE:** Successful completion of 9th and 10th Grade ELA and American Lit., or equivalent courses  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**1425 / 1426      Bridge to College English Language Arts 1 & 2**

The course curriculum emphasizes focused reading, writing, speaking & listening, and research work based on Washington State's K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCS-ELA). This course will develop students' college and career readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the CCS-ELA for high school.

Students who received a score of 2 on the SBAC exam and a B or better in the class may be eligible for placement into a college Composition course in participating Washington higher education institutions. A passing grade will satisfy the HS graduation requirement for state assessment score for ELA (alternative to SBAC, SAT or ACT).

**GRADES:** 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**1573 / 1574      Speech and Debate 1 & 2**

Terrified to speak in front of others? Maybe you want to travel? Sign up for speech and debate! Debate is a fun and interactive way to satisfy your Fine Arts, senior Language Arts, or elective requirements. In this class, students will develop oral presentation skills in the context of competitive speech and debate. Students will learn to argue positions based on research and logic and will begin to learn how to interpret and present literature. Depending on ability, students may compete in tournaments that take place within our district, local GSL high schools, and regional, state, and national travel tournaments.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** None; Sequential. Recommended "B" average in Language Arts courses. Competition required**GRAD REQ CODES:** LA, FA, EL**TRANSCRIPT CODES:** B**NCAA ELIGIBLE****COURSE FEES:** \$35.00 ASB

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**1811 / 1812      Mythology/Science Fiction & Fantasy 1 & 2**

This senior-only course is designed to improve students' vocabulary, reading, writing and analysis skills. The class will focus on classic mythology, science fiction and fantasy literature. Students will determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genres being studied. Students primarily write short responses but will also write multi-paragraph essays and one or more major research papers/presentations. As a part of all senior ELA courses, students will also work on college and career readiness which may include resumes, cover letters, college applications, etc. Required texts include Rosenberg's anthology "World Mythology," Card's "Enders Game," and Rowling's "Harry Potter and the Sorcerer's Stone."

**GRADES:** 12**PREREQUISITE:** Successful completion of 9th and 10th grade ELA and junior-level language arts or equivalent courses**GRAD REQ CODES:** LA, EL**TRANSCRIPT CODES:** B**NCAA ELIGIBLE**

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**1911A / 1912A      AP English Language and Composition 1 & 2**

AP English Language is a two-semester class intended for highly capable and motivated juniors who plan to attend college. This class follows the guidelines of the College Board's program for English Language and Composition. Students will write arguments, narratives, and a research paper. They will read both non-fiction and fiction works. The class will also discuss the college application, admissions, and scholarship processes. Summer reading is required. Students should expect a rigorous curriculum, and they are expected to take the AP English Language exam. The exam score may qualify a student for college placement advantages or college credit. Refer to page 8 in this catalog for further information about the AP program.

**GRADES:** 11**PREREQUISITE:** Successful completion of 9th and 10th Grade ELA or equivalent courses**GRAD REQ CODES:** LA, EL**TRANSCRIPT CODES:** A, B**NCAA ELIGIBLE**

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**1913A / 1914A      AP English Literature and Composition 1 & 2**

AP English Literature is a two-semester class intended for highly capable and motivated juniors who plan to attend college. This class follows the guidelines of the College Board's program for English Literature and Composition. Students will write analytical and argumentative essays and read fiction by many authors. The class will also discuss the college application, admissions, and scholarship processes. Summer reading is required. Students should expect a rigorous curriculum, and they are expected to take the AP English Literature exam. The exam score may qualify a student for college placement advantages or college credit. Refer to page 8 in this catalog for further information about the AP program.

**GRADES:** 12**PREREQUISITE:** Successful completion of 9th and 10th Grade ELA and American Literature or equivalent courses**GRAD REQ CODES:** LA, EL**TRANSCRIPT CODES:** A, B**NCAA ELIGIBLE**

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**8131 / 8132      Contemporary English 1 & 2**

This course is designed to focus on effective writing and critical thinking skills that are essential in today's workplace. Through project-based learning activities, students will explore these important topics by writing online media articles, composing emails, and publishing blogs and newsletters. Through the lens of Language Arts in context, students will explore and challenge an author's purpose when reading non-fiction information. This course will provide relevant strategies that are aimed at producing citizens who possess 21st Century Leadership Skills applicable to every post-secondary plan. Students meeting course competencies and earning a B or better may qualify for college credit. This class is cross-credited for CTE and Language Arts. Students are encouraged to participate and compete in the Future Business Leaders of America (FBLA) Student Organization.

**GRADES:** 11, 12**PREREQUISITE:** Sequential; 9th & 10th Language Arts 1 & 2**GRAD REQ CODES:** LA, CT, EL**TRANSCRIPT CODES:** B, T**NCAA ELIGIBLE**

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**8207 / 8208 Language Arts & Technology Literacy 1 & 2**

Does technology interest you? Do you appreciate using high-tech gadgets and devices? Will your future job or career involve the use of technology? If so, maybe it's time for you to level up your skills! This hands-on course emphasizes hardware, software, networking, databases, and coding. However, this isn't a course for techies -- it's for anyone preparing for success in the 21st century! Technology shapes what people do and how they do it, and technological change will continue to dramatically affect the types of skills needed wherever you end up working. In this course, we learn by doing. We disassemble and rebuild computers to understand hardware and software, set up basic networks, explore the Cloud, and jump into a little bit of coding. No prior experience is necessary! We'll also read about and discuss emerging trends in technology and learn related vocabulary and acronyms. This class is eligible for a full Language Arts or CTE credit. Students meeting course competencies may be eligible for 5 free college credits.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** LA, CT, EL  
**TRANSCRIPT CODES:** B, T  
**NCAA ELIGIBLE**



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**1111R / 1112R 9th Grade Language Arts 1 & 2**

9th grade Language Arts-Resource provides specially designed instruction to students needing a concentrated and individualized approach to reading, writing, and transition services. Students enrolled in this class must have an Individual Educational Plan (IEP). Students will work on reading and literary comprehension by studying a variety of short stories, poems, non-fiction articles, plays and novels. Students will continue their understanding of the writing process by composing written work in a variety of forms, including at least two full-length essays. Major texts include *The Odyssey*, *Romeo and Juliet*, and *To Kill a Mockingbird*.

**GRADES:** Placement  
**PREREQUISITE:** Individual Education Plan  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:**

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**1211R / 1212R 10th Grade Language Arts 1 & 2**

10th grade Language Arts-Resource provides specially designed instruction to students needing a concentrated and individualized approach to reading, writing, and transition services. Students enrolled in this class must have an Individual Educational Plan (IEP). Both semesters emphasize the Washington State Language Arts and Literacy standards. Both classes provide extensive practice in the skills and strategies required to pass the state assessment in reading and writing. Students will work on reading and literary comprehension by studying a variety of short stories, poems, nonfiction articles, plays, and novels. Students will continue their understanding of the writing process by composing written works, including at least two full-length essays, in a variety of forms.

**GRADES:** Placement  
**PREREQUISITE:** Individual Education Plan  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:**

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**1311R / 1312R American Literature 1 & 2**

American Literature-Resource provides specially designed instruction to students needing a concentrated and individualized approach to reading, writing, and transition services. Students enrolled in this class must have an Individual Educational Plan (IEP). American Literature emphasizes the Language Arts Common Core State Standards in reading, writing, listening, and speaking. Students will read fiction and nonfiction by American authors from the 1600's through the present and will write a variety of essays including arguments, narratives, and a research paper.

**GRADES:** Placement  
**PREREQUISITE:** Individual Education Plan  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:**

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**1409R / 1410R Senior English 1 & 2**

Senior English-Resource provides specially designed instruction to students needing a concentrated and individualized approach to reading, writing, and transition services. Students enrolled in this class must have an Individual Education Plan (IEP). This senior-only course is intended to improve students' vocabulary, reading, writing and analysis skills. Students will explore "real-world" application of reading, writing, speaking and listening skills needed to succeed in the 21st century. Students primarily write short responses, but will also write multi-paragraph essays and one or more major research papers/presentations. Additionally, students will work on college and career readiness which may include resumes, cover letters, college applications, etc.

**GRADES:** Placement  
**PREREQUISITE:** Individual Education Plan  
**GRAD REQ CODES:** LA, EL  
**TRANSCRIPT CODES:**

# World Languages

Most four-year colleges require students to successfully complete at least two credits of high school World Language courses in the same language. To graduate, students need 2 credits of World Language **OR** 2 additional PPR credits.

Course Number	Course Name	Prerequisites & Requirements	Recommended Grade Level	Course Code
2111 / 2112	French 1A & 1B	No	9, 10, 11, 12	B
2211 / 2212	French 2A & 2B	Yes	10, 11, 12	B
2311 / 2312	French 3A & 3B	Yes	11, 12	B
2411 / 2412	French 4A & 4B	Yes	12	B
2115 / 2116	Spanish 1A & 1B	No	9, 10, 11, 12	B
2215 / 2216	Spanish 2A & 2B	Yes	10, 11, 12	B
2315 / 2316	Spanish 3A & 3B	Yes	11, 12	B
2415 / 2416	Spanish 4A & 4B	Yes	12	B
8441 / 8442	American Sign Language (ASL) 1A & 1B	No	9, 10, 11, 12	B
8443 / 8444	American Sign Language (ASL) 2A & 2B	Yes	10, 11, 12	B
8445 / 8446	American Sign Language (ASL) 3A & 3B	Yes	11, 12	B

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## FIRST YEAR

2111 / 2112     **French 1A, French 1B**  
 2115 / 2116     **Spanish 1A, Spanish 1B**

In first year World Language classes, students learn to communicate in real life contexts about topics that are meaningful to them. In order to develop the three areas of communicative competence, students are encouraged to use the target language as much as possible. Rather than isolating grammar in a separate strand, it is integrated into instruction according to the vocabulary and structures needed in the various situations in which students are required to function. Through the language learning process, students develop an understanding of how their own language is structured and how their own culture has unique aspects. An important component of World Language classes is the use of the target language beyond the classroom in order to apply knowledge of the language in the real world. In many cases, this is accomplished through the integration of technology into the classroom. Technology is an important tool in accessing authentic information in the target language and in providing students the opportunity to hear native speakers.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Successful completion of Level 1A before 1B  
**GRAD REQ CODES:** WL, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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## SECOND YEAR

2211 / 2212     **French 2A, French 2B**  
 2215 / 2216     **Spanish 2A, Spanish 2B**

In second year World Language classes, students continue to develop their proficiency in the three modes of communicative competence: interacting with other speakers of the target language, understanding oral and written messages in the language, and making oral and written presentations in the language. They begin to show a greater level of accuracy when using basic language structures and are exposed to more complex features of the target language. They continue to focus on communicating about their immediate world and daily life activities. They read material on familiar topics and write short, directed compositions. Emphasis continues to be placed on the use of the target language in the classroom as well as on the use of authentic materials to learn about the culture.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Successful completion of previous levels  
**GRAD REQ CODES:** WL, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**



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## THIRD YEAR

2311 / 2312     **French 3A, French 3B**  
2315 / 2316     **Spanish 3A, Spanish 3B**

In third year World Language classes, students continue to develop their proficiency in the three modes of communicative competence. They communicate using more complex structures in the target language on a variety of topics, moving from concrete to more abstract concepts. They comprehend the main ideas of the authentic materials that they read and hear and are able to identify significant details when the topics are familiar. French or Spanish is used almost exclusively in the class as students develop the ability to discuss topics related to historical and contemporary events and issues. Students in Spanish 3 who meet course requirements may be able to earn college credit.

**GRADES:** 11, 12  
**PREREQUISITE:** Successful completion of previous levels  
**GRAD REQ CODES:** WL, EL  
**TRANSCRIPT CODES:** B (Spanish 3 B,C)  
**NCAA ELIGIBLE**

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## FOURTH YEAR

2411 / 2412     **French 4A, French 4B**  
2415 / 2416     **Spanish 4A, Spanish 4B**

In fourth year World Language classes, students continue to develop their proficiency in the three modes of communicative competence: interacting with other target language speakers, understanding oral and written messages, and making oral and written presentations in the language. They are able to exchange and support opinions on a variety of topics related to contemporary and historical events and issues. They comprehend spoken and written texts from a variety of authentic sources as well as produce compositions containing well-developed ideas on various topics. Students use the target language to access information in other subject areas and to compare and contrast cultural elements of other countries with their own.

**GRADES:** 11, 12  
**PREREQUISITE:** Successful completion of previous levels  
**GRAD REQ CODES:** WL, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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8441 / 8442     **American Sign Language (ASL) 1A & 1B**

This course will provide a window into the world of the Deaf by exploring their language and culture. It will be an introduction to basic fingerspelling, vocabulary, grammar and structure. Expressive and receptive signing skills essential for communication with Deaf and hard of hearing individuals are part of the course. Students are expected to use the target language in the classroom. An important component of World Language classes is the use of the target language beyond the classroom in order to apply knowledge of the language in the real world. Students in ASL 1 are encouraged to participate in the American Sign Language Club. This course is cross-credited for CTE and World Languages. \*Note: Most universities accept ASL for the world language entrance requirement. Please check with your chosen university if you have questions.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** WL, CT, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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8443 / 8444     **American Sign Language (ASL) 2A & 2B**

This course expands on ASL 1 with greater emphasis on ASL grammar and concentrated efforts to develop a student's expressive and receptive skills as they are exposed to more complex features of the target language. Emphasis continues to be placed on the use of the target language in the classroom as well as continuing to explore general information about Deaf norms, culture, and history. Students in ASL 2 are encouraged to participate in leadership roles in the American Sign Language Club. This course is cross-credited for CTE and World Languages. \*Note: Most universities accept ASL for the world language entrance requirement. Please check with your chosen university if you have questions.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** ASL 1A & 1B  
**GRAD REQ CODES:** WL, CT, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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8445 / 8446     **American Sign Language (ASL) 3A & 3B**

This course covers, in more depth, the language and culture of the American Deaf Community. Greater attention is given to Deaf norms, sign inflection, figurative language, and spatial agreements. Students will take part in a Deaf Culture book study. Students will continue to work on dialogues and narratives, to advance expressive and receptive skills.

**GRADES:** 11, 12  
**PREREQUISITE:** ASL 2A & 2B  
**GRAD REQ CODES:** WL, CT, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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# Mathematics

Students must earn three credits of Mathematics including Algebra 1 and Geometry. Students will be expected to take the SBAC assessment during their sophomore year.

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
3111 / 3112	Algebra 1A & 1 B	No	9	B, Q
3211 / 3212	Geometry A & B	Yes	9, 10	B, Q
3241 / 3242	Model World Math A & B	Yes	11, 12	B, Q
3311 / 3312	Algebra 2A & 2B	Yes	10, 11, 12	B, Q
3411 / 3412	Precalculus A & B	Yes	10, 11, 12	B, Q
3421 / 3422	Quantitative & Financial Math 1 & 2	No	12	B, Q
3433 / 3434	Bridge to College Mathematics 1 & 2	Yes	12	B, Q
3911A / 3912A	AP Statistics 1 & 2*	Yes	10, 11, 12	A, B, Q
3913A / 3914A	AP Calculus AB 1 & 2*	Yes	12	A, B, Q
3915A / 3916A	AP Calculus BC 1 & 2*	Yes	12	A, B, Q
8111	Accounting 1	No	11, 12	B, Q, T
8112	Accounting 2	Yes	11, 12	B, Q, T
8181 / 8182	Personal Finance 1 & 2	No	10, 11, 12	B, Q, T
8311 / 8312	Introduction to Engineering 1 & 2	No	9, 10, 11, 12	B, Q, T
3111R / 3112R	Algebra 1A & 1B	Yes, CP	9, 10, 11, 12	-
3211R / 3212R	Geometry A & B	Yes, CP	10, 11, 12	-
3811R / 3812R	Problem Solving Algebra A & B	Yes, CP	11	-
3421R / 3422R	Quantitative & Financial Math 1 & 2	Yes, CP	12	-

\*Summer Homework  
CP – Counselor Placement

## 3111 / 3112 Algebra 1A & 1B

The Algebra 1 core content areas of study include: solving problems, number sense, algebraic expressions and operations, characteristics and behaviors of functions, linear functions, equations and inequalities, quadratic functions and equations, exponential functions, polynomial functions, and data and distributions. Students will also reason, problem solve, and communicate mathematically in this course.

**GRADES:** 9

**PREREQUISITE:** None. The TI-83 or equivalent graphing calculator will be required for this class

**GRAD REQ CODES:** MA, EL

**TRANSCRIPT CODES:** B, Q

**NCAA ELIGIBLE**

## 3211 / 3212 Geometry A & B

Geometry covers two semesters and will continue to build upon the foundations that were established in Algebra 1. The core content areas of study include: logical arguments and proofs, lines and angles, two- and three-dimensional figures, the coordinate plane, and geometric transformations. Students will also reason, problem solve, and communicate mathematically in this course.

**GRADES:** 9, 10

**PREREQUISITE:** Sequential; successful completion of Algebra 1. The TI-83 or equivalent graphing calculator will be required for this class

**GRAD REQ CODES:** MA, EL

**TRANSCRIPT CODES:** B, Q

**NCAA ELIGIBLE**

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**3241 / 3242 Model World Math A & B**

Model World Math is designed for juniors and seniors who have successfully completed Algebra 1 and Geometry. It contains career-connected thematic units where students use high school mathematics to analyze everyday life and work. Units include Civic Readiness, Digital World, and Health and Fitness, among others. For students who intend to go on to post-high school learning that requires mathematics (trade schools or military fields, two- or four-year colleges) this class is recommended as a transition to support their High School and Beyond Plan. The math students complete in this class will strengthen their skill base and make additional study of mathematics more attainable. Students' success in Model World Math may encourage students to enroll in a 4th credit of math, increasing their mathematics facility and expanding their career pathways.

**GRADES:** 11, 12  
**PREREQUISITE:** Algebra 1 and Geometry  
**GRAD REQ CODES:** MA, EL  
**TRANSCRIPT CODES:** B, Q

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**3311 / 3312 Algebra 2A & 2B**

Algebra 2 covers two semesters and will continue to build upon the foundations established in Algebra 1 and Geometry. The core content areas of study include: solving problems; number sense, algebraic expressions and operations; quadratic functions and equations; exponential and logarithmic functions and equations; trigonometric functions and the unit circle; and probability, data, and distributions. Students will also reason, problem solve, and communicate mathematically in this course.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Sequential; successful completion of Geometry. The TI-83 or equivalent graphing calculator will be required for this class.  
**GRAD REQ CODES:** MA, EL  
**TRANSCRIPT CODES:** B, Q  
**NCAA ELIGIBLE**

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**3411 / 3412 Precalculus A & B**

Precalculus is a traditional approach to the study of linear relations and functions, polynomial and rational functions, trigonometric functions and their inverses, and trigonometric identities and equations. There will be a continued emphasis on developing algebraic skills needed to solve systems of equations and to work with inequalities and exponential and logarithmic functions and to solve problems that require the use of polar coordinates and complex numbers. The course will culminate with an introduction of the fundamental concepts of calculus with investigations involving limits, derivatives, and integrals. Students who are planning on continuing with calculus at the college level and those considering a technical major (e.g., math or engineering) should enroll in this class.

**GRADES:** 11, 12  
**PREREQUISITE:** Sequential; successful completion of Algebra 2. The TI-83 or equivalent graphing calculator will be required for this class.  
**GRAD REQ CODES:** MA, EL  
**TRANSCRIPT CODES:** B, Q  
**NCAA ELIGIBLE**

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**3421 / 3422 Quantitative and Financial Math 1 & 2**

Quantitative and Financial Math 1 & 2 are designed to bring the real world into the classroom. Guest speakers and real-life simulations will allow students to explore how math impacts their everyday lives. Topics will include personal banking, career planning, financial planning, household budgets, money management, investing, consumer purchasing, credit, insurance, and taxes.

Note: Content in Quantitative and Financial Math is closely aligned to that of Personal Finance.

**GRADES:** 12  
**PREREQUISITE:** Grade 12  
**GRAD REQ CODES:** MA, EL  
**TRANSCRIPT CODES:** B, Q  
**NCAA ELIGIBLE**

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**3433 / 3434 Bridge to College Mathematics 1 & 2**

This two-semester course is designed for college-bound seniors. Topics of study will include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. Students' algebra skills will be strengthened, aiding in preparation for college entrance and placement exams.

\*Students who received a score of 2 on the SBAC exam and a B or better in the class may be eligible for placement in college level mathematics without a placement exam. A passing grade will satisfy the HS graduation requirement for state assessment score for Math (alternative to SBAC).

**GRADES:** 12  
**PREREQUISITE:** Seniors only, after a minimum of two math credits.\* The TI-83 or equivalent graphing calculator will be required for this class.  
**GRAD REQ CODES:** MA, EL  
**TRANSCRIPT CODES:** B, Q

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**3911A / 3912A AP Statistics 1 & 2**

Two semesters of AP Statistics are the equivalent of a one-semester, introductory college course in statistics. Students will be introduced to the major concepts and tools of statistics used to interpret and draw conclusions from real-world data. Topics will include: exploring data; sampling and experimentation; probability and distributions; and statistical inference. Students will develop connections between all aspects of the statistical process and become proficient at thinking critically, communicating, and justifying conclusions effectively using statistical terminology and formulas. Students should expect a rigorous curriculum and they are expected to take the AP Statistics Exam in May. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 10, 11, 12**PREREQUISITE:** Concurrent enrollment in Algebra 2 or above. The TI-83 or equivalent graphing calculator will be required for this class.**GRAD REQ CODES:** MA, EL**TRANSCRIPT CODES:** A, B, Q**NCAA ELIGIBLE**

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**3913A / 3914A AP Calculus AB 1 & 2**

AP Calculus AB includes a study of functions, limits, derivatives, integration, transcendental functions, and plane analytic geometry. The courses utilize graphical, numerical, and symbolic approaches to calculus. Students should expect a rigorous curriculum, and they are expected to take the AP Calculus AB Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 11, 12**PREREQUISITE:** Sequential; Precalculus. The TI-83 or equivalent graphing calculator will be required for this class.**GRAD REQ CODES:** MA, EL**TRANSCRIPT CODES:** A, B, Q**NCAA ELIGIBLE**

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**3915A / 3916A AP Calculus BC 1 & 2**

AP Calculus BC covers the entire AP Calculus AB curriculum, plus further topics in the BC curriculum. These additional topics include infinite series, the calculus of polar coordinates and vectors, Euler's method, logistic growth, and arc length and surface area of solids of revolution. These courses prepare students to take either the AP AB Calculus Exam or the AP BC Calculus Exam. Students should expect a rigorous curriculum, and they are expected to take the AP Calculus AB or BC Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 11, 12**PREREQUISITE:** Sequential; Precalculus. The TI-83 or equivalent graphing calculator will be required for this class.**GRAD REQ CODES:** MA, EL**TRANSCRIPT CODES:** A, B, Q**NCAA ELIGIBLE**

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**8111 Accounting 1****8112 Accounting 2**

In Accounting 1, students are introduced to the fundamentals of financial record keeping using the double-entry system. Students record and analyze the day-to-day operations of a business. In Accounting 2, students record business transactions and prepare financial reports for a merchandising business, and are introduced to multicolumn special journals. Students interested in going into any business-related career should take Accounting. Students are encouraged to participate and compete in the Future Business Leaders of America (FBLA) student organization.

This class is cross-credited for CTE and Math. To qualify for math credit, students must have met their grade 9 & 10 math requirements. Students meeting course competencies and earning a B or better may qualify for college credit. (See page 5 for more information.)

**GRADES:** 11, 12**PREREQUISITE:** None; Sequential**GRAD REQ CODES:** MA, CT, EL**TRANSCRIPT CODES:** B, Q, T

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**8181 / 8182 Personal Finance 1 & 2**

Personal Finance is designed to help students understand the impact of individual choices on future goals and earnings potential. In addition to learning how economies and markets operate as interconnected global systems, students learn how to navigate the financial decisions they must face and to make informed decisions relating to career exploration, budgeting, banking, credit, insurance, spending, financing their goals, taxes, saving and investing, rentals/ real estate and buying/leasing a vehicle. Using simulations and individual application, this course will provide a foundational understanding for making informed personal financial decisions. This class is cross-credited for CTE and Math. To qualify for math credit, students must have met their grade 9 & 10 math requirements. Students meeting course competencies and earning a B or better may qualify for college credit. (See page 5 for more information.)

Note: Content in Personal Finance is closely aligned to that of Quantitative and Financial Math.

**GRADES:** 10, 11, 12**PREREQUISITE:** None, Sequential**GRAD REQ CODES:** CT, MA**TRANSCRIPT CODES:** B, Q, T

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**8311 / 8312 Introduction to Engineering 1 & 2**

Students develop problem-solving skills with emphasis on the concept of developing a 3D model or solid rendering of an object. Students focus on application of visualization processes and tools provided by state-of-the-art computer hardware and software. The courses emphasize the design development process of a product and how product models are produced, analyzed, and evaluated using Computer Aided Design. This course is required for entry into the Project Lead the Way (PLTW) Engineering Academy.

This class is cross-credited for CTE, Math, and Fine Arts. To qualify for math credit, students must have met their grade 9 & 10 math requirements. Students meeting course competencies and earning a B or better may qualify for college credit. (See page 5 for more information.) Students are encouraged to participate in SkillsUSA.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** None, Sequential**GRAD REQ CODES:** MA, FA, CT, EL**TRANSCRIPT CODES:** B, Q, T**COURSE FEES:** None

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**3111R / 3112R Algebra 1A & 1B**

Algebra 1-Resource provides specially designed instruction to students needing a concentrated and individualized approach to mathematics. Students enrolled in this class must have an Individual Educational Plan (IEP). The Algebra 1 core content areas of study include: solving problems, numbers, expressions, and operations, characteristics and behaviors of functions, linear functions, equations and inequalities, quadratic functions and equations, and data and distributions. Students will also reason, problem solve, and communicate mathematically in this course. Algebra 1-R Courses are sequential and skill based to match individual student goals.

**GRADES:** Placement**PREREQUISITE:** Individual Education Plan**GRAD REQ CODES:** MA, EL

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**3211R / 3212R Geometry A & B**

Geometry A & B-Resource provides specially designed instruction to students needing a concentrated and individualized approach to mathematics. Students enrolled in this class must have an Individual Educational Plan (IEP). Geometry covers two semesters and will continue to build upon the foundations that were established in Algebra 1. The core content areas of study include: logical arguments and proofs, lines and angles, two-and three-dimensional figures, the coordinate plane, and geometric transformations. Students will also reason, problem solve, and communicate mathematically in this course. Geometry A & B-Resource courses are sequential and skill-based to match individual student goals.

**GRADES:** Placement**PREREQUISITE:** Individual Education Plan**GRAD REQ CODES:** MA, EL

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**3811R / 3812R Problem-Solving Algebra A & B**

Problem Solving Algebra A & B-Resource provides specially designed instruction to students needing a concentrated and individualized approach to mathematics. Students enrolled in this class must have an Individual Educational Plan (IEP). Students will explore real-life applications of Algebra concepts and continue to expand on knowledge gained in Algebra 1-R. Students will also reason, problem solve, and communicate mathematically in this course. Problem Solving Algebra-R courses are sequential and skill based to match student goals.

**GRADES:** 11**PREREQUISITE:** Individual Education Plan**GRAD REQ CODES:** MA, EL

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**3421R / 3422R Quantitative and Financial Math 1 & 2**

QFM-Resource provides specially designed instruction to students needing a concentrated and individualized approach to mathematics. Students enrolled in this class must have an Individual Educational Plan (IEP). This senior-only course is designed to bring the real world into the classroom. Guest speakers and real-life simulations will allow students to explore how math impacts their everyday lives. Topics will include personal banking, career planning, financial planning, household budgets, money management, investing, consumer purchasing, credit, insurance, and taxes.

**GRADES:** Placement**PREREQUISITE:** Individual Education Plan**GRAD REQ CODES:** MA, EL

# Science

Students must have three credits of science, including two lab sciences. It is highly recommended that students complete Biology, Chemistry and/or Physics for a 4-year college.

Course Number	Course Name	Prereq?	Recommended Grade Level	Course Code
4117 / 4118	Physical Science 1 & 2	No	9, 10	B, S
4211 / 4212	Biology 1 & 2	No	9, 10	B, S
4311 / 4312	Chemistry 1 & 2	Yes	10, 11, 12	B, Q, S
4411 / 4412	Physics 1 & 2	Yes	10, 11, 12	B, Q, S
4815 / 4816	Earth and Environmental Science 1 & 2	No	10, 11, 12	B, S
4901A / 4902A	AP Physics 1 & 2*	Yes	11, 12	A, B, Q, S
4905A / 4906A	AP Physics C 1 & 2*	Yes	11, 12	A, B, Q, S
4911A / 4912A	AP Biology 1 & 2*	Yes	11, 12	A, B, S
4913A / 4914A	AP Chemistry 1 & 2*	Yes	11, 12	A, B, Q, S
4917A / 4918A	AP Environmental Science 1 & 2*	Yes	10, 11, 12	A, B, Q, S
8249 / 8250	Computer Science Principles 1 & 2	Yes	10, 11, 12	B, Q, S, T
8249A / 8250A	AP Computer Science Principles 1 & 2	Yes	10, 11, 12	A, B, Q, S
8321 / 8322	Engineering Physics 1 & 2	Yes	10, 11, 12	B, Q, S
8411 / 8412	Principles of Biomedical Science 1 & 2	No	9, 10, 11, 12	B, S
8421 / 8422	Human Body Systems 1 & 2	No	10, 11, 12	B, S
8423 / 8424	Medical Interventions 1 & 2	Yes	11, 12	B, Q, S
8425 / 8426	Biomedical Innovations 1 & 2	Yes	12	B, S

\*Summer Homework; CP – Counselor Placement

## 4117 / 4118 Physical Science 1 & 2

Physical Science 1 and 2 are laboratory-based courses designed to provide the student with a solid foundation in physical science, including chemistry and physics. The course emphasizes thinking in systems, asking and answering questions through investigations, constructing explanations and applying science and technology to solve real-world problems.

**GRADES:** 9, 10  
**PREREQUISITE:** None  
**GRAD REQ CODES:** SC, EL  
**TRANSCRIPT CODES:** B, S  
**NCAA ELIGIBLE**

## 4211 / 4212 Biology 1 & 2

This laboratory-based class provides students with a solid foundation in life science. This course emphasizes inquiry learning by utilizing the scientific method and problem solving strategies. Students will develop technical writing skills as they formulate hypotheses, design experiments, collect data, and draw conclusions. Students will study cells, genetics, evolution, ecology, and classification.

**GRADES:** 9, 10  
**PREREQUISITE:** None  
**GRAD REQ CODES:** SC, EL  
**TRANSCRIPT CODES:** B, S  
**NCAA ELIGIBLE**

## 4311 / 4312 Chemistry 1 & 2

Chemistry 1 and 2 offer the prospective student a firm background in chemistry. These courses develop skills in problem solving using the scientific method, technical writing, equipment manipulation, and applied mathematics. Important topics studied include: acids and bases, salts, atomic theory and structure, chemical bonds, chemical formulas and equations, thermodynamics, gas laws, kinetic theory, solutions, concentrations, and stoichiometry. This class is not a graduation requirement; it does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Biology, Human Body Systems or Accelerated Science, and currently enrolled in Algebra 2 or above  
**GRAD REQ CODES:** SC, EL  
**TRANSCRIPT CODES:** B, Q, S  
**NCAA ELIGIBLE**

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**4411 / 4412      Physics 1 & 2**

Physics 1 and 2 offer the prospective student a firm background in physics. These courses develop skills in problem solving using the scientific method, technical writing, equipment manipulation, and applied mathematics. Important topics include: kinematics, vectors, two-dimensional motion, universal gravitation, circular motion, waves, and electricity. This class is not a graduation requirement; it does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 10, 11, 12**PREREQUISITE:** Biology, Human Body Systems or Accelerated Science, and currently enrolled in Algebra 2 or above**GRAD REQ CODES:** SC, EL**TRANSCRIPT CODES:** B, Q, S**NCAA ELIGIBLE**

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**4815 / 4816      Earth and Environmental Science 1 & 2**

Earth Science combines a semester of Environmental Science and a semester of Geology. Students will focus on Washington State and then expand their exploration as they learn about topics such as the geologic history of Washington State, the impact of Earth's systems and Human Sustainability. The course emphasizes thinking in systems, asking and answering questions through investigations, constructing explanations and applying science and technology to solve real-world problems.

**GRADES:** 10, 11, 12**PREREQUISITE:** None**GRAD REQ CODES:** SC, EL**TRANSCRIPT CODES:** B, S**NCAA ELIGIBLE**

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**4901A / 4902A      AP Physics 1 & 2**

AP Physics will follow the guidelines compiled by the College Board's AP Program in Physics. Students develop understanding through problem-solving by qualitative and quantitative reasoning and by experimental investigation and analysis. AP Physics will help to foster a student's curiosity, creativity, and appreciation of the physical world. This is an Algebra-based course requiring intermediate Algebra skills. Students should expect a rigorous curriculum, and they are expected to take the AP Physics 1 Exam. The exam score may qualify a student for college placement advantages or college credit. This class does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 11, 12**PREREQUISITE:** Completion of Algebra II**GRAD REQ CODES:** SC, EL**TRANSCRIPT CODES:** A, B, Q, S**NCAA ELIGIBLE**

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**4905A / 4906A      AP Physics C 1 & 2**

AP Physics will follow the guidelines compiled by the College Board's AP Program in Physics. Students develop understanding through problem-solving by qualitative and quantitative reasoning and by experimental investigation and analysis. AP Physics will help to foster a student's curiosity, creativity, and appreciation of the physical world. This is a calculus-based course requiring basic calculus skills. Students should expect a rigorous curriculum, and they are expected to take the AP Physics C Exam. The exam score may qualify a student for college placement advantages or college credit. This class does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 11, 12**PREREQUISITE:** Concurrent enrollment in Calculus or teacher permission**GRAD REQ CODES:** SC, EL**TRANSCRIPT CODES:** A, B, Q, S**NCAA ELIGIBLE**

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**4911A / 4912A      AP Biology 1 & 2**

AP Biology offers the prospective college-bound student a firm background in biology. These courses are designed to prepare students for the AP Biology Exam and college by developing skills in problem solving using the scientific method, technology and technology equipment, technical writing, and inquiry-based learning. Topics include chemistry, cells, genetics, evolution, plant and animal physiology, and function. Students should expect a rigorous curriculum, and they are expected to take the AP Biology Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 11, 12**PREREQUISITE:** Biology or Accelerated Science, and currently enrolled in Algebra 2 or above**GRAD REQ CODES:** SC, EL**TRANSCRIPT CODES:** A, B, S**NCAA ELIGIBLE**

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**4913A / 4914A      AP Chemistry 1 & 2**

AP Chemistry 1 & 2 are designed to be the equivalent of the first year of college chemistry both in content and student work load. Students will take the introductory knowledge gained in Chemistry 1 & 2 and expand into the topics of reaction prediction, chemical kinetics, thermodynamics, electro-chemistry, and organic and physical chemistry topics. Problem solving, dimensional analysis and stoichiometry will be used throughout the course. Students should expect a rigorous curriculum, and they are expected to take the AP Chemistry Exam. The exam score may qualify a student for college placement advantages or college credit. This class does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 11, 12**PREREQUISITE:** Chemistry; currently enrolled in Algebra 2 or above**GRAD REQ CODES:** SC, EL**TRANSCRIPT CODES:** A, B, Q, S**NCAA ELIGIBLE**

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**4917A / 4918A AP Environmental Science 1 & 2**

AP Environmental Science explores topics in biology, geology, ecology, geography, and chemistry. It is a rigorous lab-based course in which students learn the concepts, principles and methodologies required to understand the natural world. Environmental problems, both natural and human-caused, will be analyzed systematically from contributing factors, risks and alternative solutions. Social, cultural and economic issues associated with environmental problems will also be evaluated. Students are expected to be highly motivated to work at a college pace. Students should expect a rigorous curriculum, and they are expected to take the AP Environmental Exam. The exam score may qualify a student for college placement advantages or college credit. This class does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Biology or Accelerated Science  
**GRAD REQ CODES:** SC, EL  
**TRANSCRIPT CODES:** A, B, Q, S  
**NCAA ELIGIBLE**

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**8249 / 8250 Computer Science Principles 1 & 2**

This exciting year-long course developed by Code.org introduces students to foundational concepts of computer science. Students experience a blend of online, guided tutorials, and open-ended, project-based learning. They'll learn from a diverse cast of role models, from tech celebrities to social innovators who are using CS to tackle society's problems. Digital manipulation, problem-solving applications and innovative implications come together as students develop their programming abilities and learn to design technology applications for the future. These courses are cross-credited with CTE and Lab Science. Students meeting course competencies may be eligible for 5 college credits through SFCC for course IS 125 (See page 5 for more information). Students are encouraged to participate in the Cyber Patriot organization.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Geometry 1 & 2; or instructor approval  
**GRAD REQ CODES:** SC, CT, EL  
**TRANSCRIPT CODES:** B, Q, S, T  
**NCAA ELIGIBLE**



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**8249A / 8250A AP Computer Science Principles 1 & 2**

This exciting year-long course developed by Code.org introduces students to foundational concepts of computer science. Students will experience a blend of online, guided tutorials and open-ended, project-based learning. They'll learn from a diverse cast of role models, from tech celebrities to social innovators who are using CS to tackle society's problems. Digital manipulation, problem-solving applications and innovative implications come together as students develop their programming abilities and learn to design technology applications for the future. These courses are cross-credited with CTE, Math, and Science. Upon reaching their senior year, students may request this class for math equivalency. Students completing this course will have the opportunity to take the Advanced Placement CS Principles exam. The exam score may qualify a student for college placement advantages or college credit. Students are encouraged to participate in the Cyber Patriot organization.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Geometry 1 & 2; or instructor approval.  
**GRAD REQ CODES:** MA, SC, CT, EL  
**TRANSCRIPT CODES:** A, B, Q, S  
**NCAA ELIGIBLE**



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**8321 / 8322 Engineering Physics 1 & 2**

A year-long course, this is the second sequence in the Project Lead the Way (PLTW) Engineering Academy. Students learn to understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change. This class is cross-credited for CTE and Science. Students are encouraged to participate in SkillsUSA.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Introduction to Engineering 1 and 2 recommended  
**GRAD REQ CODES:** SC, CT, EL  
**TRANSCRIPT CODES:** B, Q, S  
**NCAA ELIGIBLE**

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**8411 / 8412 Principles of Biomedical Science 1 & 2**

Students investigate human body systems and health conditions including heart disease, diabetes, sickle cell disease, hypercholesterolemia, and infectious diseases. They determine factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged their life. Activities and projects introduce students to human physiology, medicine, research and bioinformatics. This is the first year of the Project Lead the Way (PLTW) biomedical science sequence. This class is cross-credited for CTE and Science. Students are encouraged to participate in HOSA.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None; Sequential  
**GRAD REQ CODES:** SC, CT, EL  
**TRANSCRIPT CODES:** B, S  
**NCAA ELIGIBLE**



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**8421 / 8422 Human Body Systems 1 & 2**

Students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through real-world cases, and play the roles of biomedical professionals to solve medical mysteries. This is the second year of the Project Lead the Way (PLTW) biomedical science sequence. This class is cross-credited for CTE and Science. Students are encouraged to participate in HOSA.

**GRADES:** 10, 11, 12**PREREQUISITE:** Sequential; Principles of Biomedical Science 1 and 2 or teacher permission**GRAD REQ CODES:** SC, CT, EL**TRANSCRIPT CODES:** B, S**NCAA ELIGIBLE**

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**8423 / 8424 Medical Interventions 1 & 2**

In the third course of the biomedical sequence, students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "how-to" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the bod begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics. This is the third year of the Project Lead the Way (PLTW) biomedical science sequence. This class is cross-credited for CTE and Science. Students are encouraged to participate in HOSA. This class is not a graduation requirement; it does qualify as an algebra-based science lab class for Washington state 4-year universities.

**GRADES:** 11, 12**PREREQUISITE:** Sequential; Completion of Human Body Systems**GRAD REQ CODES:** SC, CT, EL**TRANSCRIPT CODES:** B, Q, S**NCAA ELIGIBLE**

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**8425 / 8426 Biomedical Innovations 1 & 2**

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project and may involve a mentor or advisor from a university, medical facility, or industry organization. This fourth-year course involves problem-solving, research, documentation and real-world connections. This class is cross-credited for CTE and science. Students are expected to participate in HOSA, a co-curricular Health Sciences student organization.

**GRADES:** 11, 12**PREREQUISITE:** Sequential; Completion of Medical Interventions**GRAD REQ CODES:** SC, CT, EL**TRANSCRIPT CODES:** B, S**NCAA ELIGIBLE**

# Social Studies

Students must earn three social studies credits. Specific requirements are listed in the course descriptions.

Course Number	Course Name	Prereq?	Recommended Grade Level	Course Code
5211 / 5212	World History 1 & 2	No	10	B
5311 / 5312	U.S. History 1 & 2	No	11	B
5410	Civics	No	12	B
5420	Current World Problems	No	12	B
5515	Psychology	No	10, 11, 12	B
5530	Sociology	No	10, 11, 12	B
5534	The Social and Cultural History of Rock N' Roll	No	10, 11, 12	B
5580	Holocaust	No	9, 10, 11, 12	B
5911A / 5912A	AP U.S. History 1 & 2*	No	10, 11	A, B
5913A / 5914A	AP Government & Politics 1 & 2*	No	11, 12	A, B
5915A / 5916A	AP European History 1 & 2*	No	11, 12	A, B
5917A / 5918A	AP World History 1 & 2*	No	9, 10	A, B

\*Summer Homework

## 5211 / 5212 World History 1 & 2

Students are exposed to a global perspective of our world. Students will develop a greater understanding of the evolution of globalization. More specifically, students will study the development and interaction of cultures, the interactions between humans and the environment, and the creation, expansion, and interaction of economic, political, and social systems. This understanding will develop from a combination of factual knowledge, social science perspectives, and analytical skills. Special attention will be given to helping students work with their informational reading and writing skills throughout the year. This full-year course is a graduation requirement beginning with the Class of 2017.

**GRADES:** 10  
**PREREQUISITE:** None; Sequential  
**GRAD REQ CODES:** WH, SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

## 5311 / 5312 U.S. History 1 & 2

Successful completion of U.S. History 1 and 2 meets the district graduation requirement for U.S. History. Students investigate the transition from the United States becoming an industrial nation to its emergence as a world power in the 20th century. Students study the transition of our country from rural agrarian society to an urban industrialized society and the conflict created by that change. Students also study presidential administrations, social issues, economics, and conflict and culture with a focus on the Civil War, the Progressive Era, World War I, the Great Depression, World War II, and the Cold War. Students further study the evolution of modern American society from a comparative study of the decades beginning with the 1950s.

**GRADES:** 11  
**PREREQUISITE:** None; Recommended for juniors.  
**GRAD REQ CODES:** US, SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

## 5410 Civics

Civics is a district and state graduation requirement. The one-semester course examines the foundation of federal, state, and local government, focusing on organization and procedure, rights, and responsibilities of citizens addressed in our Washington state and United States Constitutions; current issues at each level; and electoral issues such as the election process, ballot measures, initiatives and referenda.

**GRADES:** 12  
**PREREQUISITE:** None. Recommended for seniors  
**GRAD REQ CODES:** CI, SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**5420 Current World Problems**

Completion of Current World Problems (CWP) meets a district graduation requirement. Students will examine the evolution of the post-Cold War world. In this course, students will incorporate current world events and world geography along with an examination of global environmental issues, various economic systems, world cultures, and the concept of global interdependence. Instructional units focus on topics such as terrorism, regional conflicts, world religions, the United Nations, and the Global Economy. This course will enable students to attain a personal comprehension of our world and it's geopolitical, economic and social tensions.

**GRADES:** 12  
**PREREQUISITE:** None. Recommended for seniors  
**GRAD REQ CODES:** CW, SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**5515 Psychology**

Psychology is a one-semester course that examines the historical and contemporary psychological perspectives including intelligence, personalities, and disorders of all kinds. This course also considers human behaviors, thinking, learning, motivation, emotions, and stress. This is designed to be an introductory course for those interested in figuring out what makes us tick. Some colleges may not accept Psychology for social studies credit; students should check their college's requirements.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**5530 Sociology**

Sociology examines group behavior of modern societies throughout the world, emphasizing human nature, social and economic controls, and group growth and dynamics. Special focus is given to the social institutions of family, economy, education, religion, and government, with particular emphasis on racial and ethnic relations, ecology, crime, and the social issues created by poverty and population. Students will also investigate potential career opportunities. Some colleges may not accept Sociology for social studies credit; students should check their college's requirements.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**5534 The Social and Cultural History of Rock N' Roll**

This is an introductory course which traces the history of Rock N' Roll music from its rise as a blending of White and African-American music traditions amidst the youth-oriented culture of post-World War II America to its subsequent diversification and internationalism. The history will be viewed in the context of the political, historical, demographic, cultural and technological forces at work in the modern and post-modern world. The course will also encourage the development of qualitative and quantitative listening skills and will incorporate extensive use of recorded musical examples. Students will be expected to complete listening and research assignments.

NOTE: This course will be offered as a pilot class during the 2021-2022 school year.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** SS, EL  
**TRANSCRIPT CODES:** B

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**5580 Holocaust**

Holocaust is the study of the systematic, state-organized persecution and murder of six million Jews, as well as 5 million other targeted victims, by Nazi Germany and its collaborators. Students will investigate the political, social, and economic conditions that allowed Adolf Hitler and the Nazis to be elected to power. Students will study the effects of Nazi propaganda and the development of Anti-Semitism in Germany leading to such legislation as the Nuremberg Laws. Students will also study how the Nazis and their collaborators organized a complex and far-reaching machinery of death throughout conquered Europe. Finally, students will investigate the elements of hate, fear, lack of tolerance and ignorance, and how they have contributed to 21st century state-sanctioned crimes against humanity across the globe.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** SS, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**

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**5911A / 5912A AP U.S. History 1 & 2**

Successful completion of AP U.S. History 1 and 2 meets the district graduation requirement for U.S. History. The two-semester course is designed to prepare students to take the College Board Advanced Placement Exams in United States History. The study of American history, culture, and government from the pre-revolutionary times to the present are covered. Students with strong reading and writing skills are encouraged to enroll. There may be summer course work required. Students should expect a rigorous curriculum, and they are expected to take the AP U.S. History Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 10, 11  
**PREREQUISITE:** None  
**GRAD REQ CODES:** US, SS, EL  
**TRANSCRIPT CODES:** A, B  
**NCAA ELIGIBLE**

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**5913A / 5914A AP Government and Politics: U.S. 1 & 2**

AP Government and Politics is designed to teach U.S. constitutional government, including the following: Constitutional underpinnings of United State government, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national government, public policy, and civil rights and civil liberties. Special emphasis is given to the relationship of citizens to the structure and function of the American constitutional system. This course fulfills the district Civics and Current World Problems graduation requirements. Students with strong reading and writing skills are encouraged to enroll. Students should expect a rigorous curriculum, and they are expected to take the AP U.S. Government and Politics Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 11 or 12th grade, 12th grade will have priority for placement  
**PREREQUISITE:** Successful completion of or concurrent enrollment in U.S. History or AP U.S. History.  
**GRAD REQ CODES:** CI, CW, SS, EL  
**TRANSCRIPT CODES:** A, B  
**NCAA ELIGIBLE**

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**5915A / 5916A AP European History 1 & 2**

In AP European History, students study the history of European civilization and the modern world from 1450 to the present. Emphasis is placed on the special contributions of each era, such as art in the Renaissance, literature and music in the romantic era, and social concerns in the Industrial Revolution. Recent and current events are covered; the Current World Problems graduation requirement is waived for students who take both semesters. Students should expect a rigorous curriculum, and they are expected to take the AP European History Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** CW, SS, EL  
**TRANSCRIPT CODES:** A, B  
**NCAA ELIGIBLE**

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**5917A / 5918A AP World History 1 & 2**

AP World History offers students a broad view of events, ideas, and movements in various regions that have led to the contemporary world. Applied to these elements, the course emphasizes the three C's: comparisons, connections, and changes over time. Critical reading from multiple sources, effective writing for a variety of purposes and audiences, as well as active participation in and responsibility for self-directed learning will be required. Students with strong reading and writing skills are encouraged to enroll. Students should expect a rigorous curriculum, and they are expected to take the AP World History Exam. The exam score may qualify a student for college placement advantages or college credit.

**GRADES:** 9, 10  
**PREREQUISITE:** None; Sequential  
**GRAD REQ CODES:** WH, SS, EL  
**TRANSCRIPT CODES:** A, B  
**NCAA ELIGIBLE**

# Health and Fitness

Health and Physical Wellness fulfills a state graduation requirement and is usually completed the freshman year; all other health and fitness classes can be repeated multiple times for credit. Students need two credits of health and fitness courses for graduation.

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
6110	Health & Physical Wellness	No	9	-
6210	Team Sports	No	9, 10, 11, 12	-
6220	Individual Sports	No	9, 10, 11, 12	-
6280	Dance	No	9, 10, 11, 12	-
6310	Weight Training 1	No	9, 10, 11, 12	-
6320	Weight Training 2	Yes	9, 10, 11, 12	-
6330 6331	Conditioning Technique - Fall Conditioning Technique - Spring	No	10, 11, 12	-
6410	Cardio Fitness	No	9, 10, 11, 12	-
6421	Power Yoga	No	9, 10, 11, 12	-
6430	Physical Conditioning	No	9, 10, 11, 12	-

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## 6110 Health and Physical Wellness

Health and Physical Wellness is designed to provide opportunities for students to develop attitudes and behaviors which promote healthy lifestyles and a positive self-image through applications and evaluation of knowledge and skills relating to: nutrition, anatomy/physiology, mental health, personal fitness, personal safety, consumer health, human growth and development, sexually transmitted diseases, abstinence, and drug education. During inclement weather, alternate activities will be provided to meet class objectives if necessary. This course is a state and district graduation requirement.

**GRADES:** 9  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, EL

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## 6210 Team Sports

Team Sports combines conditioning and strength building with competitive team sports. Students will participate in sports or activities on a daily basis. They will learn rules of games, team work, and good sportsmanship. Students will set fitness goals based on fitness testing and an understanding of the components of fitness. Students will review nutrition, fitness, and health principles. Basketball, volleyball, soccer, flag football, floor hockey, and softball are some team sports that may be played. During inclement weather, alternate activities will be provided to meet class objectives if necessary.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, EL

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## 6220 Individual Sports

Individual Sports combines cardiovascular conditioning and strength building with individual sports. Students will participate in sports or activities on a daily basis. They will learn rules of games, teamwork, and good sportsmanship. Students will set fitness goals based on fitness testing and an understanding of the components of fitness. Students will review nutrition, fitness, and health principles. Tennis, badminton, bocce, croquet, and pickle ball are some of the individual sports that may be played. During inclement weather, alternate activities will be provided to meet class objectives if necessary.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, EL

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**6280 Dance**

Students will develop a “hands on” knowledge of dance within the genre of Musical Theatre. They will learn basic dance movements covering all types of dance within the theatre setting and perform them to standard musical theatre charts. Students will rehearse basic contemporary and classic dance combinations within a group and possible featured dance solos. Advanced dance students with experience will also be encouraged to choreograph a class project in conjunction with the teacher and explore teaching opportunities within the class structure. Students will participate in advanced daily core-training and physical strengthening techniques and discuss safety and injury prevention. Students will also cover the areas of Theatre History, Dance History, and the evolution of current styles of dance. Some performance opportunities outside of class can be explored and possibly performed throughout the semester. Students will be required to provide their own dance and tap shoes and appropriate dance attire for class. This class is cross-credited with Fine Arts.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, FA, EL

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**6310 Weight Training 1**

Weight Training 1 is designed for the student who is serious about developing strength, power, and endurance. Individual programs are designed to combine resistance training, cardiovascular training, and plyometrics for improving student success. Students will improve their understanding of the muscular system, develop strength training programs, and build a foundation on which they can continue strength and fitness training for the rest of their lives.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, EL

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**6320 Weight Training 2**

Weight Training 2 is the sequel to Weight Training 1 and is designed for the student who is serious about continuing to develop strength, power, and endurance. Individual programs are designed to combine resistance training, cardiovascular training, and plyometrics for improving student success. Students will improve their understanding of the muscular system, develop strength training programs, and build a foundation on which they can continue strength and fitness training for the rest of their lives.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Weight Training 1  
**GRAD REQ CODES:** HF, EL

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**6330 Conditioning Technique – Fall**  
**6331 Conditioning Technique – Spring**

Conditioning Technique is designed for the student who is serious about taking training and conditioning to the next level. Various types of resistance and conditioning training will be covered. Speed, agility, strength, power, cardiovascular training, and plyometrics are just some of the different training modalities that will be covered. If you like to work hard and push yourself, this is the class for you. During inclement weather, alternate activities will be provided to meet class objectives if necessary.

**GRADES:** 10, 11, 12, or 9th with instructor approval  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, EL

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**6410 Cardio Fitness**

Cardio Fitness provides a variety of workouts to stimulate fitness growth, encourage life-long fitness, and provide fun while students engage in cardiovascular exercise. The class is designed for the student who is serious about developing strength, flexibility, cardiovascular endurance, and muscular endurance. Students will gain and improve their understanding of the muscular system, gain knowledge and experience with a variety of group fitness activities, and build a foundation on which they can continue a healthy lifestyle for the rest of their lives. During inclement weather, alternate activities will be provided to meet class objectives if necessary. This class will go off-campus.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** HF, EL

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**6421 Power Yoga**

This class requires daily participation in high intensity cardiovascular workouts. The course is designed to introduce students to the basic poses, breathing techniques, and relaxation methods of yoga. Students will monitor their improvement in the five components of physical fitness: cardiovascular endurance, muscle strength, muscle endurance, flexibility, body composition, as well as nutrition.

**GRADES:** 9, 10, 11, 12

**PREREQUISITE:** None

**GRAD REQ CODES:** HF, EL

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**6430 Physical Conditioning**

Physical Conditioning is a course designed to improve fitness through a progressive walking or running program. Students will learn how to design a personal fitness program utilizing the FITT principle and goal setting to improve cardiovascular endurance and mileage. Workouts to improve the other five components of fitness will also be included. Nutrition is a key component taught in this class, and students need to be highly motivated to participate in outdoor running/walking. This course may be repeated for credit. This class will go off-campus.

**GRADES:** 9, 10, 11, 12

**PREREQUISITE:** None

**GRAD REQ CODES:** HF, EL

# Fine Arts

Fine arts courses are designed to develop creative thinking, problem solving, promote all world cultures, and develop a deeper appreciation of the arts. Students need two credits of fine arts **OR** an additional PPR credit.

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
<b>Visual Art</b>				
7100	Art 1	No	9, 10	B
7111	Drawing 1	No	9, 10, 11, 12	B
7112	Drawing 2	Yes	9, 10, 11, 12	B
7131	Painting 1	No	9, 10, 11, 12	B
7132	Painting 2	Yes	9, 10, 11, 12	B
7151	Calligraphy 1	No	9, 10, 11, 12	B
7152	Calligraphy 2	Yes	9, 10, 11, 12	B
7161	Pottery 1	No	10, 11, 12	B
7162	Pottery 2	Yes	10, 11, 12	B
7915A / 7916A	AP Studio Art: 2-D Design	Yes	11, 12	A, B
7917A / 7918A	AP Art History 1 & 2	Yes	10, 11, 12	A, B
8201	Discovering Digital Media	No	9, 10	B
8217	Graphic Arts 1	No	9, 10, 11, 12	B, T
8218	Graphic Arts 2	Yes	9, 10, 11, 12	B, T
8213	Computer Animation 1	No	10, 11, 12	B
8214	Computer Animation 2	Yes	10, 11, 12	B
8221	Photography 1	No	10, 11, 12	B, T
8222	Photography 2	Yes	10, 11, 12	B, T
8233	Video Media Production 1	No	9, 10, 11, 12	B
8234	Video Media Production 2	Yes	9, 10, 11, 12	B
8247	Intro to Game Development	No	9, 10, 11, 12	B
8311 / 8312	Introduction to Engineering 1 & 2	No	9, 10, 11, 12	B, Q, T
9341 / 9342	Yearbook A & B	Yes	9, 10, 11, 12	–
<b>Theater/Drama</b>				
7210	Dance in Musical Theatre	No	9, 10, 11, 12	B
7221	Drama 1	No	9, 10, 11, 12	B
7222	Drama 2	Yes	9, 10, 11, 12	B
7211P	Theatre Production: Fall	Yes	9, 10, 11, 12	B
7212P	Theatre Production: Winter	Yes	9, 10, 11, 12	B
7213P	Theatre Production: Spring	Yes	9, 10, 11, 12	B
7361	Chamber Choir	No	9, 10, 11, 12	B
8236	Technical Theatre 1	No	9, 10, 11, 12	B
8237	Technical Theatre 2	Yes	9, 10, 11, 12	B
8238	Technical Theatre 3	Yes	10, 11, 12	B
8239	Technical Theatre 4	Yes	10, 11, 12	B
1573 / 1574	Speech & Debate 1 & 2	Yes	9, 10, 11, 12	B
<b>Music</b>				
7311 / 7312	Mixed Choir A & B	Yes	10, 11, 12	B
7341 / 7342	Concert Choir A & B	No	9, 10, 11, 12	B
7351E / 7351E	Jazz Choir A & B <b>ZERO HOUR</b>	Yes	10, 11, 12	B
7411 / 7412	Concert Band A & B	Yes	9, 10, 11, 12	B
7421 / 7422	Symphonic Band A & B	No	9, 10, 11, 12	B
7431 / 7432	Wind Ensemble A & B	Yes	10, 11, 12	B
7441 / 7442	Percussion Ensemble A & B	No	9, 10, 11, 12	B
7451 / 7452	Jazz Band 1A & 1B	Yes	9, 10, 11, 12	B
7471 / 7472	Orchestra A & B	No	9, 10, 11, 12	B
7481E / 7482E	Chamber Orchestra A & B <b>ZERO HOUR</b>	Yes	10, 11, 12	B
7483 / 7484	Symphonic Orchestra A & B	Yes	9, 10, 11, 12	B
7491	Guitar	No	9, 10, 11, 12	B
7510	Music Theory	No	9, 10, 11, 12	B
7820	Music Appreciation	No	9, 10, 11, 12	B



# Visual Art

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## 7100 Art 1

Art 1 is designed as an introduction to drawing, painting, mixed media, and three-dimensional projects. Hands-on experiences will increase each student's confidence with making art in different media and the creative process. This class will develop problem-solving skills and an understanding of what it means to create art. This class is intended to create the basic skills necessary to be successful in future art classes and is recommended before taking Drawing 1 or Painting 1.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** None

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## 7111 Drawing 1

Drawing 1 is a two-dimensional studio art class designed for students who want to develop their drawing knowledge and skill. Students will apply various drawing techniques, explore a variety of drawing media including drawing pencils, charcoal, ink, and pastels. There will be an emphasis on the quality of work, imaginative and creative thinking process, and the presentation of the work.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$20.00 supply fee

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## 7112 Drawing 2

Drawing 2 is a two-dimensional studio class open to students who want to advance their drawing skills. Students should have completed Art 1 and shown mastery in Drawing 1. College prep coursework will be emphasized. A portfolio will be created. Students may repeat this class for credit.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Drawing 1  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$20.00 supply fee

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## 7131 Painting 1

In Painting 1, students will use a variety of painting media – watercolor, acrylic, and ink – to create paintings ranging from abstract/experimental, animal/wildlife, landscape, portrait, and still life. Students will use a variety of painting media – watercolor, acrylic, and ink – to create paintings ranging from abstract/experimental, animal/wildlife, landscape, portrait, and still life. Students will develop an awareness of the painting process, product, presentation, and evaluation. A portfolio will be created.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$20.00 supply fee

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## 7132 Painting 2

Painting 2 is a studio art class open to students who want to advance their painting skills. Students should have completed Art 1 and shown mastery in Painting 1. Students create in-depth painting projects incorporating a variety of media and styles. Principles of design and composition will be emphasized. Students will prepare work for presentation and build an art portfolio. Students may repeat this class for credit.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Painting 1  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$20.00 supply fee

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## 7151 Calligraphy 1

Calligraphy is the art of hand lettering. Edged pens and India ink will be used to create several elegant calligraphy projects throughout the semester. You'll learn a variety of calligraphy techniques and styles including Gothic, Blackletter, Italics, Celtic knots, Chinese Calligraphy, Uncial, Neuland and more. In addition to pen and ink, you'll also have the opportunity to use chalk, pastel, pencils, watercolor, and mixed media in your artwork. The elements and principles of art are used to create beautiful works of calligraphy and during the course you will also learn about the history and significance of calligraphy.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$20.00 supply fee

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## 7152 Calligraphy 2

This course is open to students who have successfully completed Calligraphy 1 and wish to learn additional calligraphy alphabet styles. A variety of media – watercolor, acrylic, and ink – will be used to implement advanced methods and techniques in creating more complex calligraphic projects. Students may repeat this class for credit.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Calligraphy 1  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$20.00 supply fee

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<b>7161 Pottery 1</b> Students will develop skills in hand-built clay processes, pottery décor, sculptural construction techniques, and basic studio etiquette. Numerous original projects will be created using each student's own designs. Students will be able to evaluate and critique their own work. *In addition to course fee, supplies for any work beyond course requirements must be purchased by the student.	<b>GRADES:</b> 10, 11, 12 <b>PREREQUISITE:</b> None <b>GRAD REQ CODES:</b> FA, EL <b>TRANSCRIPT CODES:</b> B <b>COURSE FEES:</b> \$20.00 supply fee*
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<b>7162 Pottery 2</b> Pottery 2 students will expand skills in the use of the potter's wheel, hand built clay process, glaze and firing operations, and trimming embellishing. Students will evaluate and critique their own work. Professional pottery techniques will be explored such as making lids, handles, and spouts. Students may repeat this class for credit. *In addition to course fee, supplies for any work beyond course requirements must be purchased by the student.	<b>GRADES:</b> 10, 11, 12 <b>PREREQUISITE:</b> Pottery 1 <b>GRAD REQ CODES:</b> FA, EL <b>TRANSCRIPT CODES:</b> B <b>COURSE FEES:</b> \$20.00 supply fee*
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<b>7915A / 7916A AP Studio Art A &amp; B</b> AP Studio Art is for students interested in a rigorous and focused study in art. AP Studio Art students do not need to take a written examination; instead, students create a portfolio that develops concept, composition and execution of drawing or 2-D Design. A portfolio may include drawing, painting, photography, graphic design, mixed media, and collage. This course is based on a student creating a series of 15 pieces in a sustained investigation and an additional 5 pieces that demonstrate quality and artistic breadth. This portfolio can be submitted to the College Board and students meeting specific requirements may earn college credit. It is recommended to take this course for a full year (two semesters). As in any college-level course, students will be expected to spend a considerable amount of time outside of class to complete assignments.	<b>GRADES:</b> 11, 12 <b>PREREQUISITE:</b> Art 1 and Drawing or Painting <b>GRAD REQ CODES:</b> FA, EL <b>TRANSCRIPT CODES:</b> A, B <b>COURSE FEES:</b> \$20.00 for supplies and a Portfolio Submission Fee
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<b>7917A / 7918A AP Art History 1 &amp; 2</b> AP Art History allows you to earn college credit while you explore major forms of artistic expression including architecture, sculpture, painting and other media from across a variety of world cultures! Together students will learn the purpose and function of art as they develop an ability to articulate visual and historical art concepts in verbal and written form. We will explore how art has been made and changed over time. This class is a year-long course designed to be interactive and hands-on. Students should expect a rigorous curriculum and course work over the summer. Students are expected to take the AP Art History exam in May. The exam score may qualify a student for college placement advantages or college credit.	<b>GRADES:</b> 10, 11, 12 <b>PREREQUISITE:</b> Art 1 <b>GRAD REQ CODES:</b> FA, EL <b>TRANSCRIPT CODES:</b> A, B <b>COURSE FEES:</b> None
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<b>8201 Discovering Digital Media</b> Discover the world of digital media! From the icons on your smartphone to the posters in a café, from the logo on a water bottle to your favorite action movie, visual communications play a powerful part in shaping our choices. This introductory class will start students on the road to learning some of the different ways that design, production and display can impact perception and decisions. Explore the applications of computerized photography, animation, graphics, video and audio and how they're used to communicate ideas and messages. This class is cross-credited for CTE and Fine Arts.	<b>GRADES:</b> 9, 10 <b>PREREQUISITE:</b> None <b>GRAD REQ CODES:</b> FA, CT, EL <b>TRANSCRIPT CODES:</b> B <b>COURSE FEES:</b> None
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<b>8217 Graphic Arts 1</b> <b>8218 Graphic Arts 2</b> Using Adobe Creative Cloud, In-Design, Fireworks, and Photoshop, students will learn about graphic design, 3D print graphics, and various layout techniques for printed material. Applying class assignments and their own graphic designs, students will begin building a portfolio of their work. Students are encouraged to participate and compete in the Future Business Leaders of America (FBLA) student organization. This class is cross-credited for CTE and Fine Arts. Students meeting course competencies and earning a "B" or better in both classes may qualify for college credit. (See page 5 for more information.)	<b>GRADES:</b> 9, 10, 11, 12 <b>PREREQUISITE:</b> None; Sequential <b>GRAD REQ CODES:</b> FA, CT, EL <b>TRANSCRIPT CODES:</b> B, T <b>COURSE FEES:</b> None
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**8213 Computer Animation 1**

Computer Animation 1 focuses on Animation with the latest in graphic animation software. Students learn to animate objects, make graphic effects, animated movies, cartoons and games. They will learn about the animation and video used in industry to make movies and video games. Students work to design gaming characters and everyday objects that they will animate. Students are encouraged to participate in SkillsUSA. This class is cross-credited for CTE and Fine Arts.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** None

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**8214 Computer Animation 2**

Computer Animation 2 is a great class to take if you have an interest in Video Production, Gaming, or Cartooning. Careers in these fields are examined through guest lectures and field trips. Students will learn how to apply effects to their movie like fire, fog, smoke, etc. Morphing and blowing-up objects are regular projects worked on. Students are encouraged to participate in SkillsUSA. This class is cross-credited for CTE and Fine Arts.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Computer Animation 1  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** None

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**8221 Photography 1**

Photography 1 is an entry-level course designed to introduce students to the world of image capture. The course prepares students to use artistic techniques to effectively communicate ideas and information via current photography methodologies. They include instruction in specialized camera and equipment operation including care, differentiation, and safety practices. In addition, the class has a strong emphasis on the principles of design elements, lighting, composition, and presentation. Students are encouraged to participate in SkillsUSA. This class is cross-credited for CTE and Fine Arts. Students meeting course competencies and earning a B or better may qualify for college credit. (See page 5 for more information.)

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B, T  
**COURSE FEES:** None

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**8222 Photography 2**

Photography 2 is an intermediate level course designed to continue student development in the world of image capture and digital editing and design. Earlier skills are taken to a new level, with additional focus in studio lighting, digital image editing, critical analysis, presentation, and finishing. Students are encouraged to participate in SkillsUSA. This class is cross-credited for CTE and Fine Arts. Students meeting course competencies and earning a B or better may qualify for college credit. (See page 5 for more information.)

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Photography 1  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B, T  
**COURSE FEES:** None

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**8233 Video and Media Production 1**

Video and Media Production 1 introduces students to audio and video technology and prompts students to apply core academic skills within the context of a production environment. Students will learn the history of digital media and gain experience creating media including copy writing, audio and video production, post production and studio news shows. Students will have opportunities for collaboration with outside organizations and to showcase their work. Students develop products that can be accessed on a variety of media sources. Students are encouraged to participate in SkillsUSA. This class is cross-credited for CTE and Fine Arts.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** None

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**8234 Video and Media Production 2**

In Video and Media Production 2, students become more involved with post production processes, higher-level equipment, and software to increase their skills. Students apply their skills throughout the production workflow in their own projects and contribute content to (BearCast). The class is held in conjunction with Video and Media Production 1. Video and Media Production 2 students act as post production service providers, consulting and turning the raw materials produced in the introductory class into finished video products. Students are encouraged to participate in SkillsUSA. This class is cross-credited for CTE and Fine Arts.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Video and Media Production 1  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** None

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**8247 Intro to Game Development**

This course is a semester-long exploratory course developed by Code.org that introduces students to computer science as a vehicle for problem solving, communication, personal expression and fun. Students will experience a blend of online, guided tutorials and open-ended, project based learning. They will develop their own web sites using HTML and CSS, and they will learn how to program interactive games and animations in JavaScript using Game Lab. No prior computer science experience is required. This class is cross-credited for CTE and Arts. Students are encouraged to participate in FBLA.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B



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**8311 / 8312 Introduction to Engineering 1 & 2**

Students develop problem-solving skills with emphasis on the concept of developing a 3D model or solid rendering of an object. Students focus on application of visualization processes and tools provided by state-of-the-art computer hardware and software. The courses emphasize the design development process of a product and how product models are produced, analyzed, and evaluated using Computer Aided Design.

This course is required for entry into the Project Lead the Way (PLTW) Engineering Academy.

This class is cross-credited for CTE, Math, and Fine Arts. To qualify for math credit, students must have met their grade 9 & 10 math requirements. Students meeting course competencies and earning a B or better may qualify for college credit (See page 5 for additional information.) Students are encouraged to participate in SkillsUSA.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None; Sequential  
**GRAD REQ CODES:** MA, FA, CT, EL  
**TRANSCRIPT CODES:** B, Q, T  
**COURSE FEES:** None

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**9341 / 9342 Yearbook A & B**

Layout design, photography, and creative writing will be emphasized in this class. Time will be spent on reporting various events, gathering information from interviews, and meeting deadlines for page production. Some after-school time will be required by all students. Students will work in teams and must be able to cooperate and solve problems. Students should plan on taking Yearbook first and second semesters. Students will develop skills in graphic design, time management, decision making, and organization.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Instructor approval via application process; Must register for 2 semesters  
**GRAD REQ CODES:** FA, EL  
**COURSE FEES:** \$35 ASB fee

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## Drama

**7210 Dance in Musical Theatre**

Students will develop a hands-on knowledge of dance within the genre of musical theatre. They will learn basic musical theatre dance movements and styles and perform them to standard musical theatre charts. Students will rehearse basic dance combinations within a group and possible featured dance solos. Advanced dance students with experience will also be encouraged to choreograph a class project in conjunction with the teacher. Participants will study the basic art form of musical theatre and its history, acting techniques, voice production, auditioning techniques, and practical theatre knowledge skills and proficiencies. This class is cross-credited with Health & Fitness.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None. Students will be required to provide their own dance and tap shoes and appropriate dance attire.  
**GRAD REQ CODES:** FA, HF, EL  
**TRANSCRIPT CODES:** B

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**7221 Drama 1**  
**7222 Drama 2**

In Drama 1 students will utilize skills in movement, character development, voice, and script analysis to interpret and execute finished performances of monologues, small scenes, and group finals. This course also includes improvisations, ad-lib exercises and an historical study of the development of the theatre. Students will also gain an actor's working knowledge of technical theatre and theatre vocabulary as well as basic theatrical make-up application. Drama 2 will extend and refine skills developed in Drama 1 and students will be expected to perform at a higher level with additional organizational and directorial responsibilities added to the basic curriculum.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None; Sequential  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B

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7211P      **Theatre Productions-Fall**  
7212P      **Theatre Productions-Winter**  
7213P      **Theatre Productions-Spring**

Participants rehearse and perform plays to a community audience. Major areas of focus are historical perspectives, collaborative techniques, acting skills, literary analysis, technical design, movement, vocal development and dance for musical productions. Auditions are required for ensemble from which productions will be cast. Students may repeat the class for additional credit. Students may participate in both semesters. The class will be organized as follows: 1st semester = Fall Production; 2nd semester = Winter Musical; 2nd semester = Spring Production.

The class will be held outside of the regular school day. There will also be night rehearsals and production dates. Technical crew will be required to audition with a resume of experience & skills, and a questionnaire.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Audition only  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35.00 ASB fee required. \$35.00 costume cleaning fee or rental. Make-up, tights, and dance shoes may be required for production.

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7361      **Chamber Choir**

**A musical theatre preparation course!** This class will focus on vocal pedagogy, breathing techniques, musical theatre history and performance techniques, music selection and preparation for auditions, and "survival" music theory skills. Students will prepare group and solo musical theatre vocal selections for auditions and performance in a "Vocal Master's Class" setting. Students will also receive one-on-one private vocal training with a professional voice instructor. Students will also learn basic musical theatre dance steps and movement. Training will include the audition prep needed for the CVHS winter musical. Students who intend on auditioning for the musical are strongly suggested to take this course and participation and preparation will be taken into consideration for casting assignments.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B

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8236      **Technical Theatre 1**      (Teacher permission for Zero Hour class only)  
8237      **Technical Theatre 2**  
8238      **Technical Theatre 3**  
8239      **Technical Theatre 4**

This course will cover the basics of technical theatre including set design and construction, costuming, lighting design, sound reinforcement, rigging, theatrical makeup, theatre safety and operations and technical running crew. Students will be involved in a major production and are required to complete 15 hours of work with an arts organization or job-shadowing experience.

Technical Theatre 2, 3 and 4 will include higher level expectations and added responsibilities in project management. These classes are cross-credited with CTE and Fine Arts.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Sequential  
**GRAD REQ CODES:** FA, CT, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** None

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1573 / 1574      **Speech and Debate 1 & 2**

Terrified to speak in front of others? Maybe you want to travel? Sign up for speech and debate! Debate is a fun and interactive way to satisfy your Fine Arts, senior Language Arts, or elective requirements. In this class, students will develop oral presentation skills in the context of competitive speech and debate. Students will learn to argue positions based on research and logic and will begin to learn how to interpret and present literature. Depending on ability, students may compete in tournaments that take place within our district, local GSL high schools, and regional, state, and national travel tournaments.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None; Sequential. Recommended "B" average in Language Arts courses. Competition required  
**GRAD REQ CODES:** LA, FA, EL  
**TRANSCRIPT CODES:** B  
**NCAA ELIGIBLE**  
**COURSE FEES:** \$35.00 ASB

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## Music

According to CVSD School Board Policy 2150, participation in and attendance at performances or concerts can be a class requirement. Students in choir and instrumental music classes are required to participate in these activities, and a student's grade will reflect participation. For more information, see specific course descriptions and the syllabus for each course.

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7311 / 7312      **Mixed Choir A & B**

Students in this choir will be selected by audition. They will study and perform various styles of challenging choral music, understand music notation and concepts, develop sight reading skills, practice analytical listening and refine vocal technique. Students will also participate in performance opportunities including choral festivals, contests and concerts. Expectations for dedication and superior performance are high.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Audition required  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35 ASB Fee. \$20 cleaning fee for robe maintenance.

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**7341 / 7342 Concert Choir A & B**

No audition is necessary for this choir where any music level is accepted. Students will study the basics of singing technique and proper conduct in a performance. This is a performance ensemble, and attendance at all performances is required.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35 ASB fee. \$20 cleaning fee for robe maintenance.

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**7351E / 7352E Jazz Choir A & B ZERO HOUR**

Jazz choir is an auditioned ensemble that meets during 0-hour. Various styles of music within the jazz genre will be explored and performed. Vocal techniques unique to jazz will be introduced and practiced including improvisation. Students will also participate in performance opportunities including choral festivals, contests, and concerts. Expectations for dedication and superior performance are high.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Audition required  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35 ASB fee, performance outfits to be purchased by students, travel fees.

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**7411 / 7412 Concert Band A & B**

Concert Band is the second select ensemble at CV. Auditions are conducted in the spring at both the high school and middle school level. Auditions may be set up with the instructor by calling the band office. The class will perform with members from the Percussion Performance class during both semesters to produce a variety of performance opportunities. Students in this class will rehearse and perform challenging works for wind band from both contemporary and classical composers. Emphasis will be placed on helping advancing students with technique and musicianship on their respective woodwind or brass instrument. Included in this will be development of sight-reading skills and music history. This class will involve concerts, contests, festivals, small ensembles and rehearsals both in and out of class. Participation in marching band is optional. Participation in fund raising campaigns is also an expected part of student participation.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Brass & woodwinds only. Audition only.  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35 ASB fee, travel/material fees TBD.

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**7421 / 7422 Symphonic Band A & B**

Symphonic Band is the largest non-auditor band at CV. The class will perform with members from the Percussion Performance class during both semesters to produce a variety of performance opportunities. Students in this class will rehearse and perform suitable contemporary and classical works for wind band. Emphasis will be placed on helping developing students with technique and musicianship on their respective woodwind or brass instrument. Included in this will be development of sight-reading skills and music theory. The class will involve concerts, contests, festivals, small ensembles and rehearsals both in and out of school. Participation in marching band is optional. Participation in fund raising campaigns is also an expected part of student participation.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Brass & woodwinds only. No audition.  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35 ASB fee. Travel/material fees TBD.

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**7431 / 7432 Wind Ensemble A & B**

Wind Ensemble is the premier select ensemble at CV. Auditions are conducted in the spring at the high school. Auditions may be set up with the instructor by calling the band office. The class will perform with members from the Percussion Performance class during both semesters to produce a variety of performance opportunities. Students in this class will rehearse and perform advanced literature for wind band from both contemporary and classical composers. Performances and curriculum will also ensure that all students connect the important role music can play in shaping the student as a community citizen through both community collaborative thinking. This class will involve concerts, contests, festivals, small ensembles and rehearsals both in and out of school. Participation in marching band is optional. Participation in fund raising campaigns is also an expected part of student participation.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Brass & woodwinds only. Audition only.  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** \$35 ASB fee. Travel/material fees TBD.

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**7441 Percussion Ensemble A**  
**7442 Percussion Ensemble B**

This class will explore the many areas of percussion, including marching, concert, Latin, and jazz. Emphasis will be placed upon building well-rounded percussion students, covering all instruments and styles. Activities will include marching band, concert band, percussion techniques, solos/ensembles, and performance concerts and festivals. This is a performance ensemble, and attendance at all performances is required. All percussionists are required to participate in marching band

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** FA, EL  
**TRANSCRIPT CODES:** B  
**COURSE FEES:** TBD

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**7451 / 7452 Jazz Band 1A & 1B**

Both semesters of Jazz Ensemble use the most advanced skills to play advancing basic repertoire of jazz literature and begin exploring more contemporary new works. Music in both semesters is appropriately selected to explore the dynamic range of the big band style. Attention will be given to fundamental playing strategies and practice techniques to ensure every student continues progress with common growth goals. Performance and curriculum will also ensure that all students connect the important role music can play in shaping the student as a community citizen through both public performance and collaborative thinking. Auditions are held at the beginning of the year.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** Audition required. Must be enrolled in large ensemble (Band or Orchestra).**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B**COURSE FEES:** \$35 ASB fee. Travel and uniform fees TBD

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**7471 / 7472 Orchestra A & B**

Students who play stringed instruments will rehearse and perform music from orchestra traditions, chamber music and solo literature, jazz and world folk music. String techniques and fundamentals will be taught and applied to performance. Students will learn to collaborate on musical projects and demonstrate understanding. The class will perform in local and regional festivals, concerts and competitions. Rehearsals in and out of school required.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** Previous experience or classes required**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B**COURSE FEES:** \$35 ASB fee. Uniform rental fees TBD

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**7481E / 7482E Chamber Orchestra A & B ZERO HOUR**

Students accepted into the Chamber Orchestra are recommended to take private lessons. The class will perform at solo/ensemble and other regional festivals. The Chamber Orchestra will meet every morning during zero hour, both semesters.

**GRADES:** 10, 11, 12**PREREQUISITE:** Audition required. One year of orchestra required.**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B**COURSE FEES:** \$35 ASB fee; uniform rental fees TBD

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**7483 / 7484 Symphonic Orchestra A & B**

Students who play stringed instruments will rehearse and perform music from symphony traditions, including jazz and world folk music. String techniques and fundamentals will be taught and applied to performance. Brass and woodwind students must have instructor permission to participate, as seating is limited for these positions. Students will learn to collaborate on musical projects and demonstrate understanding. The class will perform in local and regional festivals, concerts and competitions. Rehearsals in and out of school required.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** Audition only.**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B**COURSE FEES:** \$35 ASB fee. Travel & uniform fees TBD.

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**7491 Guitar**

Guitar is for students who are new to the acoustic guitar. Instruction for beginners who wish to learn chords and strumming patterns along with music reading skills. Within the broad curriculum, students will also receive independent instruction to complement their musical interests.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** None**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B**COURSE FEES:** Students must provide their own acoustic guitar. Additional fees for music & materials.

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**7510 Music Theory**

The fundamentals of music will be explored in this class. The student will learn the basics of harmony, melody, and rhythm as well as other aspects of music composition and arranging. This class is for the student who would like to eventually be able to compose or arrange music. Previous experience in instrumental or vocal music is recommended.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** Proficiency in reading rhythmic notation is recommended.**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B

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**7820 Music Appreciation**

This is a non-performance class that explores music of various styles through listening experiences. All styles of music are covered (classical, folk, music theater, jazz, popular, etc.). Investigations of composers and performers integral to the styles are included in the class. Activities include listening, discussions, projects, and presentations on each style of music.

**GRADES:** 9, 10, 11, 12**PREREQUISITE:** None**GRAD REQ CODES:** FA, EL**TRANSCRIPT CODES:** B

# Career and Technical Education

Students need at least one credit in Career and Technical Education (CTE) classes for graduation. Classes are provided within the pathways of Health and Human Services, Business and Marketing Education, Communication and Information Technologies and Engineering, Manufacturing and Design. Credits may also be earned at NEWTECH Skill Center and Spokane Valley Tech.

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
<b>Business &amp; Marketing Education</b>				
8111	Accounting 1	No	11, 12	B, Q, T
8112	Accounting 2	Yes	11, 12	B, Q, T
8131 / 8132	Contemporary English 1 & 2	No	11, 12	B, T
8150	Social Media Marketing	Yes	11, 12	-
8151	Intro to Business & Marketing	No	9, 10	-
8152 / 8153	Advanced Business & Marketing	Yes	10, 11, 12	T
8154	Store Operations and Management A	Yes	11, 12	-
8155	Store Operations and Management B	Yes	11, 12	-
8165 / 8166	Project Management 1 & 2	Yes	11, 12	-
8181 / 8182	Personal Finance 1 & 2	No	10, 11, 12	B, Q, T
<b>Communications &amp; Information Technologies</b>				
8201	Discovering Digital Media	No	9, 10	B
8207 / 8208	Language Arts and Technological Literacy 1 & 2	No	10, 11, 12	B, T
8213	Computer Animation 1	No	10, 11, 12	B
8214	Computer Animation 2	Yes	10, 11, 12	B
8217	Graphic Arts 1	No	9, 10, 11, 12	B, T
8218	Graphic Arts 2	Yes	9, 10, 11, 12	B, T
8221	Photography 1	No	10, 11, 12	B, T
8222	Photography 2	Yes	10, 11, 12	B, T
8233	Video Media Production 1	No	9, 10, 11, 12	B
8234	Video Media Production 2	Yes	9, 10, 11, 12	B
8236	Technical Theatre 1	No	9, 10, 11, 12	B
8237	Technical Theatre 2	Yes	9, 10, 11, 12	B
8238	Technical Theatre 3	Yes	10, 11, 12	B
8239	Technical Theatre 4	Yes	10, 11, 12	B
8241 / 8242	A+ Computer Repair 1 & 2	Yes	10, 11, 12	T
8245 / 8246	Networking Fundamentals 1 & 2 (Independent Study)	Yes	11, 12	T
8247	Intro to Game Development	No	9, 10, 11, 12	B
8249 / 8250	Computer Science Principles 1 & 2	Yes	10, 11, 12	B, Q, S, T
8249A / 8250A	AP Computer Science Principles 1 & 2	Yes	10, 11, 12	A, B, Q, S
8251 / 8252	Adv. Programming Concepts 1 & 2 (Independent Study)	Yes	11, 12	-
8253 / 8254	Cyber Security 1 & 2	No	10, 11, 12	T
8255 / 8256	Advanced Cyber Security 1 & 2 (Independent Study)	Yes	11, 12	-
8265 / 8266	AWS (Amazon Web Service) Cloud Computing	Yes	11, 12	-
<b>Engineering, Manufacturing and Design</b>				
8311 / 8312	Introduction to Engineering 1 & 2	No	9, 10, 11, 12	B, Q, T
8321 / 8322	Engineering Physics 1 & 2	Yes	10, 11, 12	B, Q, S
8351	Construction Technology 1	No	9, 10, 11, 12	-
8352	Construction Technology 2	Yes	9, 10, 11, 12	-
8353	Construction Technology 3	Yes	10, 11, 12	-
8354	Construction Technology 4	Yes	10, 11, 12	-
8363	Manufacturing Technology 1	No	9, 10, 11, 12	F
8364	Manufacturing Technology 2	Yes	9, 10, 11, 12	F
8365	Manufacturing Technology 3	Yes	10, 11, 12	F
8366	Manufacturing Technology 4	Yes	10, 11, 12	F
8385 / 8386	Robotics Technology 1 & 2	No	10, 11, 12	-



## Career and Technical Education, continued

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
<b>Health &amp; Human Services</b>				
8411 / 8412	Principles of Biomedical Science 1 & 2	No	9, 10, 11, 12	B, S
8421 / 8422	Human Body Systems 1 & 2	Yes	10, 11, 12	B, S
8423 / 8424	Medical Interventions 1 & 2	Yes	11, 12	B, Q, S
8425 / 8426	Biomedical Innovations 1 & 2	Yes	12	B, S
8431 / 8432	Sports Medicine 1 & 2	No	9, 10, 11, 12	B, S
8441 / 8442	American Sign Language 1A & 1B	No	9, 10, 11, 12	B
8443 / 8444	American Sign Language 2A & 2B	Yes	10, 11, 12	B
8445 / 8446	American Sign Language 3A & 3B	Yes	11, 12	B
8451	Early Childhood Education 1	No	10, 11, 12	T
8452	Early Childhood Education 2	Yes	10, 11, 12	T
8453	Early Childhood Education 3	Yes	11, 12	T
8461	Careers in Education 1	No	9, 10, 11, 12	T
8462	Careers in Education 2	Yes	10, 11, 12	T
8463	Careers in Education 3	Yes	11, 12	-
8464	Careers in Education 4	Yes	11, 12	-
8472	Intro to Food Production	No	9, 10, 11, 12	-
8474 / 8475	Advanced Food Production 1 & 2	Yes	10, 11, 12	T
8161 / 8162	Worksite Learning A & B	Yes	10, 11, 12	-

## Business & Marketing



### *Additional Courses Cross-Credited with CTE:*

8111/8112	<b>Accounting 1 &amp; 2</b>	Course information on page 20
8131/8132	<b>Contemporary English 1 &amp; 2</b>	Course information on page 14
8181/8182	<b>Personal Finance</b>	Course information on page 20

### 8150 **Social Media Marketing**

An exploratory course that focuses on the trends, ethics, and methods of social media marketing. Concepts to be covered include history, growth, strategy, and monetization of social media within organizations, including relationship building, creation of content, and policy concerns. This course examines social media applications, both successful and defunct such as MySpace, Vine, Facebook, LinkedIn, YouTube, Twitter, Snapchat, Instagram, Clubhouse, Substack and TikTok.

**GRADES:** 11, 12  
**PREREQUISITE:** Intro to Business and Marketing  
**GRAD REQ CODES:** CT, EL

### 8151 **Intro to Business & Marketing**

This course introduces students to the exciting world of business and marketing. Think of this class as a buffet where students will get a little of everything and enough to fill their plate in regard to the business and marketing world. If you are interested in Marketing, Accounting, Finance, Selling, Promotion, or other aspects of these careers this is the class for you! Leadership development is key. Students are encouraged to participate in DECA. This class is the prerequisite for Advanced Business and Marketing and for Store Operations and Management.

**GRADES:** 9, 10, 11  
**PREREQUISITE:** None  
**GRAD REQ CODES:** CT, EL  
**COURSE FEES:** \$35 ASB

### 8152 / 8153 **Advanced Business & Marketing**

In the full year course, students will further develop their knowledge and skills in the world of business, marketing and economics through the study of market planning, operations, distribution, professional development, and communications. In addition, students will be introduced to managerial skills in the areas of human resources, channel marketing, information marketing, and product/service management. 21st Century leadership skills continue to be developed and reinforced. Students meeting course competencies may qualify for college credit. Students are encouraged to participate in DECA. These courses are a prerequisite for Project Management.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Intro to Business & Marketing  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**COURSE FEES:** \$35 ASB

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8154            **Store Operations and Management A** (first semester)  
8155            **Store Operations and Management B** (second semester)

Students learn all aspects of business operation by cooperatively operating the Marketing Education Student Store. Students will learn a variety of skills including: price planning, product mix, customer service, cash handling, accounting, loss prevention and security, product and vendor management, employment management, cooperation and leadership skills.

**GRADES:** 11, 12  
**PREREQUISITE:** Intro to Business & Marketing and instructor approval  
**GRAD REQ CODES:** CT, EL  
**COURSE FEES:** \$35 ASB

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8165 / 8166        **Project Management 1 & 2**

Successful project management skills are in high demand with today's complex, competitive global environment. The capstone for the Business and Marketing pathway, Project Management allows students to apply their knowledge and skills to plan and guide a comprehensive project or projects from start to finish. Students will demonstrate these skills through project/event planning, risk, cost and time management, contracts, decision-making and human resources to achieve a specific goal. Students are encouraged to participate in DECA.

**GRADES:** 11, 12  
**PREREQUISITE:** Advanced Business & Marketing  
**GRAD REQ CODES:** CT, EL  
**COURSE FEES:** \$35 ASB

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## Communications & Information Technologies

### *Additional Courses Cross-Credited with CTE:*

8201	<b>Discovering Digital Media</b>	Course information on page 34
8207/8208	<b>Language Arts &amp; Tech Literacy</b>	Course information on page 15
8213/8214	<b>Computer Animation</b>	Course information on page 35
8217/8218	<b>Graphic Arts 1 &amp; 2</b>	Course information on page 34
8221/8222	<b>Photography 1,2</b>	Course information on page 35
8233/8234	<b>Video Media Production 1 &amp; 2</b>	Course information on page 35
8236/37/38/39	<b>Technical Theatre 1, 2, 3 &amp; 4</b>	Course information on page 37
8247	<b>Intro to Game Development</b>	Course information on page 36
8249/8250	<b>Computer Science Principles</b>	Course information on page 24
8249A/8250A	<b>AP Computer Science Principles</b>	Course information on page 24

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8241 / 8242        **A+ Computer Repair 1 & 2**

Want to learn how to build, upgrade, and repair computers? If so, then this course is for you! You'll gain skills relating to installation, maintenance, and troubleshooting of common devices such as desktops, laptops, network and wireless devices, printers and monitors. You'll master the installation and troubleshooting of common components such as CPUs, memory, disks, power supplies, and expansion cards, as well as gain valuable practical knowledge of security concepts, customer service, and business processes. This program prepares you for the CompTIA A+ Computer Technician certification exam and builds practical job skills valued in virtually every business setting where technology is used. Students meeting course competencies may qualify for 5 free college credits. Students are encouraged to participate in Future Business Leaders of America (FBLA) or Cyber Patriot student organizations.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Intro to Computer Science, Computer Science Principles, or Language Arts & Technological Literacy recommended, or with instructor approval  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**COURSE FEES:** \$65 fee

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8245 / 8246        **Networking Fundamentals 1 & 2 (Independent Study)**

Networking Fundamentals introduces students to concepts of local and wide area networks, home networking, networking standards using the IEEE/OSI Model, network protocols, transmission media and network architecture/topologies. Security and data integrity will be introduced and emphasized throughout this course. Concepts covered will include TCP/IP client administration, planning a network topology, configuring the TCP/IP protocol, managing network clients, configuring routers and hubs as well as creating a wireless LAN. This course aligns with Microsoft and Cisco networking objectives. At the end of the course, students will be given the opportunity to take CompTIA's vendor neutral Network + certification exam. Students meeting course competencies may qualify for 5 free college credits. Students are encouraged to participate and compete in the US Cyber Patriot National High School Cyber Defense Competition.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** A+ Computer Repair or instructor approval  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**COURSE FEES:** \$65 fee

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**8251 / 8252      Advanced Programming Concepts 1 & 2 (Independent Study)**

This course allows students to further develop their skills in JavaScript, HTML, and CSS. Students will also be given the opportunity to take Microsoft certification exams in JavaScript and HTML (optional). Students enrolled in this class will be scheduled concurrently with Intro to CS (8247) or Computer Science Principles (8249/8250).

**PREREQUISITE:** Geometry 1 & 2; a “B” or better in Computer Science Principles or AP Computer Science Principles; Instructor approval required.

**GRADES:** 11, 12  
**PREREQUISITE:** Yes (see at left)  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**NCAA ELIGIBLE**



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**8253 / 8254      Cyber Security 1 & 2**

The cyber security field is the fastest-growing career field today, with the Bureau of Labor Statistics estimating that the field will grow more than 30% percent between now and 2026, offering some of the highest paying positions available in the country. This course serves as an introduction to this exciting world, where students will gain the competitive skills needed to analyze and secure applications, networks, and devices. This is not a "hacking" class, but we are looking at the ways that computers, programs, networks, and people are exploited by hackers and what we can do to prevent or minimize the damage caused by bad actors. Students meeting course competencies may qualify for 5 free college credits. Training in this course may lead to a Microsoft MTA Security certification. Students will also have the opportunity to participate in CyberPatriot, the nation's largest Youth Cyber Defense Competition ([uscyberpatriot.org](http://uscyberpatriot.org)).

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**NCAA ELIGIBLE**



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**8255 / 8256      Advanced Cyber Security 1 & 2 (Independent Study)**

The Advanced Cyber Security course develops career-ready skills needed to detect, monitor, analyze, and respond to ever-growing cyber threats world-wide. In this advanced-level course, you learn about cybercrime, cyberespionage, insider threats, advanced persistent threats, and other cybersecurity issues facing organizations. Students will also work toward obtaining an Ethical Hacker Certification and will have the opportunity to participate in cyber defense competitions (optional). Students enrolled in this class will be scheduled concurrently with Cyber Security (8253/8254).

**PREREQUISITE:** “B” or better in Cyber Security (8253/8254); Instructor approval required.

**GRADES:** 11, 12  
**PREREQUISITE:** Yes (see at left)  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**NCAA ELIGIBLE**



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**8265 / 8266      AWS (Amazon Web Service) Cloud Computing**

Cloud computing is fascinating! Do you know how your favorite websites and apps are able to reach billions of people around the world within seconds? Where do Netflix, Hulu and Disney store the thousands of movies and shows you like to watch? How about the games you play over Xbox Game Pass, PlayStation Now or Nintendo Switch? Cloud computing works behind the scenes in areas such as digital content storage and distribution, smart devices, artificial intelligence and cybersecurity. More than half of U.S. businesses across industry use cloud computing to manage data and improve productivity. Students with Cloud skills will be highly competitive in the workplace of the 21st century. This class is 100% hands-on and uses AWS as the learning platform. This is an introductory course; no prior experience with cloud computing is required. Upon completion, students will have an opportunity to earn an AWS Cloud Certification.

**GRADES:** 11, 12  
**PREREQUISITE:** LA & Tech Literacy, Computer Science Principles, Cyber Security, or instructor permission  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T  
**NCAA ELIGIBLE**

# Engineering, Manufacturing and Design



## Courses Cross-Credited with CTE:

8311/8312

**Introduction to Engineering 1 & 2**

Course information on page 21

8321/8322

**Engineering Physics 1 & 2**

Course information on page 24

### 8351 / 8352      **Construction Technology 1 & 2**

This year long course is the first in the Construction Pathway. The Career Connections curriculum used in this class was developed by the Carpenter's International Training Fund. It is designed to expose students to the materials, tools and skills needed to work in the field of construction and carpentry. The curriculum units include Basic Hand Tools, Measuring and Layout, Fasteners, Power Tools and Shop Safety. These concepts will be taught using a combination of classwork and hands-on activities. The skills learned will be used to produce carpentry based projects in the shop. Construction 1 & 2 is the prerequisite for Construction 3 & 4. Students are encouraged to participate in SkillsUSA.

**GRADES:** 9, 10, 11, 12

**PREREQUISITE:** None; Sequential

**GRAD REQ CODES:** CT, EL

**COURSE FEES:** \$25 lab fee plus individual project materials.

### 8353 / 8354      **Construction Technology 3 & 4**

This year long course is the second in the Construction Pathway and is the continuation of Construction 1 & 2. This class is designed to give Juniors and Seniors who are interested in pursuing a career in construction or carpentry, the skills needed to enter the Carpentry Apprenticeship program. Units will include Print Reading, Site Layout, Floor, Wall, Ceiling and Roof Framing techniques. Students are encouraged to participate in SkillsUSA.

**GRADES:** 10, 11, 12

**PREREQUISITE:** Construction 1 & 2

**GRAD REQ CODES:** CT, EL

**COURSE FEES:** \$25 lab fee plus individual project materials.

### 8363 / 8364      **Manufacturing Technology 1 & 2**

This year long course is the first in the Core Plus Manufacturing Pathway. The Core Plus curriculum was developed in partnership with the Boeing Company. It is designed to expose students to the materials, equipment and processes used in the world of manufacturing. The curriculum units include Material Science, Shop Tools and Safety, Precision Measurement, Applied Mathematics, Fasteners, Drilling, Cutting and Grinding, Print Reading, Hydraulics and Pneumatics, Basic Electricity and Soldering. These concepts will be taught using a combination of classwork and hands-on activities. Manufacturing 1 & 2 is the prerequisite for Manufacturing 3 & 4. Students are encouraged to participate in SkillsUSA.

**GRADES:** 9, 10, 11, 12

**PREREQUISITE:** None

**GRAD REQ CODES:** CT, EL

**TRANSCRIPT CODES:** F

**COURSE FEES:** \$25 lab fee plus individual project materials.

### 8365 / 8366      **Manufacturing Technology 3 & 4**

This year long course is the second in the Core Plus Manufacturing Pathway and is the continuation of Manufacturing 1 & 2. It uses the Core Plus curriculum developed by Boeing to further teach advanced manufacturing skills. This class is designed for Juniors and Seniors who are interested in pursuing a career in the field of manufacturing. The culmination of this class will include an interview with a Boeing representative. Students are encouraged to participate in SkillsUSA.

**GRADES:** 10, 11, 12

**PREREQUISITE:** Manufacturing 1 & 2

**GRAD REQ CODES:** CT, EL

**TRANSCRIPT CODES:** F

**COURSE FEES:** \$25 lab fee plus individual project materials.

### 8385 / 8386      **Robotics Technology 1 & 2**

The use of robots and robotic technology throughout the world is exploding! If a student's wants to learn about, design, build and program robots, this class is a great place to start. Using CAD, robotic programming software and the fully equipped lab, students will be given and/or identify problems to solve by designing robot machines. They will experience hands-on labs designed to fully demonstrate the operation of robotic technology. Students are encouraged to participate in SkillsUSA.

**GRADES:** 10, 11, 12

**PREREQUISITE:** None; Sequential

**GRAD REQ CODES:** CT, EL

**COURSE FEES:** \$25.00

# Health & Human Services



## Courses Cross-Credited with CTE:

8411/8412	<b>Principles of Biomedical Science 1 – Year 1</b>	Course information on page 24
8421/8422	<b>Human Body Systems 1 &amp; 2 – Year 2</b>	Course information on page 25
8423/8424	<b>Medical Interventions – Year 3</b>	Course information on page 25
8425/8426	<b>Biomedical Innovations – Year 4</b>	Course information on page 25
8441/8442	<b>American Sign Language 1A &amp; 1B</b>	Course information on page 17
8443/8444	<b>American Sign Language 2A &amp; 2B</b>	Course information on page 17
8445/8446	<b>American Sign Language 3A &amp; 3B</b>	Course information on page 17

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### 8431 / 8432      **Sports Medicine 1 & 2**

Sports Medicine prepares students to learn the basics injury prevention and treatment. It includes instruction, based on the health science foundation standards, in the identification, evaluation, and treatment of athletic related injuries and illnesses, first aid and emergency care, therapeutic exercise, anatomy and physiology, nutrition, exercise physiology, personal and community health, knowledge of various sports and their biomechanical, and physiological demands. This is a hands on course for students interested in Sports Medicine/Athletic Training.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** B

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### 8451              **Early Childhood Education 1**

The emphasis in Early Childhood Education 1 is on how and why children develop as they do. Infant and toddler care begins with birth and progresses through the age of five. Theories related to physical, social, emotional, cognitive, and creative development will be explored. An important part of this course is studying the principles and scope of care giving. Students have the opportunity to earn the industry-recognized Child Care Basics certification in this class. Students meeting course competencies and earning a grade of B or better may qualify for college credits. (See page 5 for more information.) Students are encouraged to participate in the Family, Career and Community Leaders of America (FCCLA) student organization.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T

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### 8452              **Early Childhood Education 2**

Building on Early Childhood Education 1, students learn by interacting with children while researching growth and development. Students learn in class one day per week and work as interns the other days at area preschools and daycare centers. This class teaches appropriate techniques in interacting with children that will support and nurture their growth. Students provide their own transportation to the field sites. Students who successfully meet the requirements of both Early Childhood Education 1 and 2 with a "B" or better may qualify for college credits. Students will have required fees related to preliminary paperwork for this course; please see the instructor for current costs. Students are encouraged to participate in the Family, Career and Community Leaders of America (FCCLA) student organization.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Age 16+ AND Childhood Development 1 or Early Childhood Education 1 with a grade "B" or better or teacher approval  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T

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### 8453              **Early Childhood Education 3**

Applying the philosophies learned in Early Childhood Education 1 and 2, students will work directly with children in implementing and evaluating developmentally appropriate techniques and activities. Students will spend one day in class and leave the high school campus to work as interns at nearby preschools. Students provide their own transportation to the field sites. Upon successful completion of Early Childhood Education 3, an additional 5 college credits may be earned for a total of 13 through the Early Childhood Education program sequence. Students are encouraged to participate in the Family, Career and Community Leaders of America (FCCLA) student organization.

**GRADES:** 11, 12  
**PREREQUISITE:** Age 16+ AND Childhood Development 2 or Early Childhood Education 2 with a grade "B" or better or teacher approval  
**GRAD REQ CODES:** CT, EL  
**TRANSCRIPT CODES:** T

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8461           **Careers in Education 1**  
8462           **Careers in Education 2**  
8463           **Careers in Education 3**  
8464           **Careers in Education 4**

In Careers in Education 2, 3, and 4, students will be trained to serve as interns and role models to tutor and teach younger students where classroom instructors will serve as mentors in area schools or related settings that provides first-hand experience. Students will provide their own transportation to the field sites. Students meeting course competencies and earning a “B” or better may qualify for college credit. Students are encouraged to participate in the Family, Career and Community Leaders of America (FCCLA) student organization.

**GRADES (CIE2):** 10, 11, 12  
**GRADES (CIE3 & 4):** 11, 12  
**PREREQUISITE:** Age 16+ AND Careers in Education 1 or Teaching Academy 1; Sequential with a grade “B” or better or teacher approval  
**GRAD REQ CODES:**     CT, EL  
**TRANSCRIPT CODES:**    T

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8472           **Intro to Food Production**

Students will learn about the world of food, nutrition and related careers through research, discussion, and food production. Areas covered include safety and sanitation, nutrition, basic understanding of kitchen tools and equipment, purchasing of food, ethnic foods, beginning culinary applications and much, much more. Students will be involved in class work by research and related labs. Students are encouraged to participate in the Family, Career and Community Leaders of America (FCCLA) student organization.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** None  
**GRAD REQ CODES:**     CT, EL

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8474 / 8475    **Advanced Food Production 1 & 2**

This full year class is designed to build skills necessary for career development in the area of hospitality and food production. Course includes instruction in kitchen organization, sanitation and quality control, food preparation and cooking skills, kitchen and kitchen equipment maintenance and quantity food measurement and monitoring. Projects include catering opportunities, which may require time outside of class. Students meeting course competencies and earning a B or better may qualify for college credit. (See page 5 for more information.) Students are encouraged to participate in the Family, Career and Community Leaders of America (FCCLA) student organization.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Intro to Food Production, Food and Nutrition, or Advanced Nutrition and Food Science  
**GRAD REQ CODES:**     CT, EL  
**TRANSCRIPT CODES:**    T

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8161           **Worksite Learning A**  
8162           **Worksite Learning B**

By enrolling in this course, students earn credit through their learning experiences at a worksite. Under the supervision of school and worksite personnel, students receive opportunities to develop related occupational and employability skills and networking resources. The student is required to successfully complete 180 work hours per semester for credit.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Counselor Placement; CTE-qualifying prerequisite course required  
**GRAD REQ CODES:**     CT, EL

# Enhanced Learning

**These classes are for students in specially designed programs. Academic Vocation Transition (AVT):** These courses incorporate various educational strategies focusing on the individual needs of the students. They will experience multiple opportunities of establishing career development training as recommended by IEP through job skills.

Course Number	Course Name	Prerequisite?	Recommended Grade Level
D01011 / D01012	AVT Language Arts 1A & 1B	Yes	9, 10, 11, 12
D01021 / D01022	AVT Language Arts 2A & 2B	Yes	10, 11, 12
D01031 / D01032	AVT Language Arts 3A & 3B	Yes	11, 12
D01041 / D01042	AVT Reading/Writing Lab	Yes	9, 10, 11, 12
D03011 / D03012	AVT Mathematics 1A & B	Yes	9, 10, 11, 12
D03013 / D03014	AVT Mathematics 2A & B	Yes	10, 11, 12
D04011 D04012	AVT Physical and Earth Science 1 AVT Physical and Earth Science 2	Yes	9
D04021 D04022	AVT Biology 1 AVT Biology 2	Yes	10
D04023 D04024	AVT Earth Science 1 AVT Earth Science 2	Yes	11
D05020 D05021	AVT World History 1 AVT World History 2	Yes	10
D05031 D05032	AVT U.S. History 1 AVT U.S. History 2	Yes	11
D05040	AVT Civics	Yes	12
D05050	AVT Current World Problems	Yes	12
D09011 / D09012	AVT Transition/Careers 1A & B	Yes	11, 12
D09031 D09032	AVT Vocational/Life Skills A AVT Vocational/Life Skills B	Yes	9, 10, 11, 12
1611 / 1612	ELD Beginning 1&2	Testing & CP	9, 10, 11, 12
1613 / 1614	ELD Intermediate 1&2	Testing & CP	9, 10, 11, 12
1615 / 1616	ELD Advanced 1&2	Testing & CP	9, 10, 11, 12
9620	Cultural Transition	Testing & CP	9, 10, 11, 12

CP – Counselor Placement

D01011 / D01012 **AVT Language Arts 1A/1B**  
 D01021 / D01022 **AVT Language Arts 2A/2B**  
 D01031 / D01032 **AVT Language Arts 3A/3B**  
 D01041 / D01042 **AVT Reading/Writing Lab A/B**

Grade: Placement  
 Grade: Placement  
 Grade: Placement  
 Grade: Placement

These courses focus on academics, vocational skills, and transition planning. Emphasis is placed on individual student needs in the qualifying areas of reading and writing.

**PREREQUISITE:**  
 Individual Education Plan  
**GRAD REQ CODES:** LA, EL

D03011 / D03012 **AVT Math 1A/1B**  
 D03013 / D03014 **AVT Math 2A/2B**

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:**  
 Individual Education Plan  
**GRAD REQ CODES:** MA, EL

These courses focus on academics, vocational skills, and transition planning. Emphasis is placed on individual student needs in the qualifying area of math.

D04011	<b>AVT Physical Science 1</b>	Grade: Primarily 9
D04012	<b>AVT Physical Science 2</b>	Grade: Primarily 9
D04021	<b>AVT Biology 1</b>	Grade: Primarily 10
D04022	<b>AVT Biology 2</b>	Grade: Primarily 10
D04023	<b>AVT Earth Science 1</b>	Grade: Primarily 11
D04024	<b>AVT Earth Science 2</b>	Grade: Primarily 11

AVT science courses provide modified curriculum in the content area with the emphasis on reading, writing, and math. Physical science focuses on an overview of science in everyday life including physics and chemistry topics. Biology focuses on a variety of topics including plants, animals, and the human body. Earth science focuses on geology and the make-up of Earth.

**PREREQUISITE:** Placement and IEP  
**GRAD REQ CODES:** SC, EL

D05020	<b>AVT World History 1</b>	Grade: Primarily 9 or 10
D05021	<b>AVT World History 2</b>	Grade: Primarily 9 or 10
D05031	<b>AVT U.S. History 1</b>	Grade: Primarily 11
D05032	<b>AVT U.S. History 2</b>	Grade: Primarily 11
D05040	<b>AVT Civics</b>	Grade: Primarily 12
D05050	<b>AVT Current World Problems</b>	Grade: Primarily 12

AVT social studies courses provide modified curriculum in the corresponding content area with an emphasis on reading and writing.

**PREREQUISITE:** Placement and IEP  
**GRAD REQ CODES:** WH, US, CI, CW, SS, EL

D09011	<b>AVT Transition/Careers 1A</b>	<b>GRADES:</b> 11, 12 <b>PREREQUISITE:</b> Placement and IEP <b>GRAD REQ CODES:</b> EL
D09012	<b>AVT Transition/Careers 1B</b>	
D09021	<b>AVT Transition/Careers 2A</b>	
D09022	<b>AVT Transition/Careers 2B</b>	

This course is designed to give students a chance to explore on-the-job training, as recommended by the IEP team. The course provides multiple opportunities through career development & worksite placement.

D09031	<b>AVT Vocational/Life Skills A</b>	<b>GRADES:</b> 9, 10, 11, 12 <b>PREREQUISITE:</b> Placement and IEP <b>GRAD REQ CODES:</b> EL
D09032	<b>AVT Vocational/Life Skills B</b>	

This class is designed to be a practical introduction to social skills, independent living, and transition planning. Students will participate in activities that develop appropriate social skills, meaningful community connections, and skills to facilitate independent living.

1611 / 1612	<b>ELD Beginning 1 &amp; 2</b>	<b>GRADES:</b> 9, 10, 11, 12 <b>PREREQUISITE:</b> Counselor and teacher placement only <b>GRAD REQ CODES:</b> EL
1613 / 1614	<b>ELD Intermediate 1 &amp; 2</b>	
1615 / 1616	<b>ELD Advanced 1 &amp; 2</b>	

The English Language Development (ELD) program is designed to help students who have immigrated with their families to the United States learn English. Students attend an ELD class as their Language Arts class where they concentrate on reading, writing, listening and speaking with an emphasis on language acquisition. They are supported in their regular classes by the ELD teachers and an educational assistant.

9620	<b>Cultural Transition</b>	<b>GRADES:</b> 9, 10, 11, 12 <b>PREREQUISITE:</b> Counselor and teacher placement only <b>GRAD REQ CODES:</b> EL
<p>Cultural Transition is designed for newly-arrived students to the United States who are not fluent in English and enroll shortly before, at the beginning, or during the academic term. Students in this course will be assigned to general classroom teachers on a "participate as able" basis. An "S" or "U" elective credit will be awarded to these students based upon the amount of hours they are present and trying to the best of their ability in a course. Enrollment is limited to students in the English Language Development program for a maximum of their first year in the U.S. only. The maximum number of credits allowed to earn through this course is 2.5. Assignment to this course will be determined by the ELD teacher, classroom teacher, and counselor/administrator.</p>		



# Non-Departmental Electives

Course Number	Course Name	Prerequisite?	Recommended Grade Level	Course Code
1917A / 1918A	AP Seminar 1 & 2	No	10, 11	A, B
1919A / 1920A	AP Research 1 & 2	Yes	11, 12	A, B
9120	Leadership Development	No	9, 10	-
9141	ASB Leadership 1	Yes	10, 11, 12	-
9142	ASB Leadership 2	Yes	10, 11, 12	-
9220 / 9221	Tutor-Math Support	Yes	11, 12	-
9301 / 9302	School Skills	Yes, CP	10, 11, 12	-
9341 / 9342	Yearbook A & B	Yes	9, 10, 11, 12	-
77911-77962	Running Start	Yes	11, 12	R
88891-88894	Spokane Valley Tech	Yes	9, 10, 11, 12	-
950700	Library Science Assistant	Yes	9, 10, 11, 12	-
99111V-99712V	Central Valley Virtual Learning	Yes	9, 10, 11, 12	-
99111	Late Arrival-1st period 1st semester	No	11, 12	-
99112	Late Arrival-1st period 2nd semester	No	11, 12	-
99611	Early Release-6th period 1st semester	No	11, 12	-
99612	Early Release-6th period 2nd semester	No	11, 12	-
99017	Release Time A	No, non-credit	9, 10, 11, 12	-
99018	Release Time B	No, non-credit	9, 10, 11, 12	-

## 1917A / 1918A AP Seminar 1 & 2

This introductory course, typically taken in grade 11, provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a variety of lenses and consider multiple points of views to develop deep understanding of complex issues as they make connections between these issues and their own lives. Students read articles, research studies, and foundational and philosophical texts; listen to and view speeches, broadcasts, and personal accounts; and experience artistic and literary works to gain a rich appreciation and understanding of issues. Students are assessed with two through-course performance tasks and an end-of-course exam. The AP Seminar score is based on all three assessments and is reported on the standard 1-5 AP scoring scale. The AP Seminar score may qualify a student for college placement advantages or elective college credit.

**GRADES:** 10, 11  
**PREREQUISITE:** None  
**GRAD REQ CODES:** EL  
**TRANSCRIPT CODES:** A, B  
**NCAA ELIGIBLE**

## 1919A / 1920A AP Research 1 & 2

This second course in the AP Capstone experience allows students to design, plan and conduct a yearlong research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to independently apply scholarly understanding to real-world problems and issues. Students further the skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information to build, present, and defend an argument. Students are assessed through culminating performance tasks: an academic thesis paper with a defined structure and a presentation, performance, or exhibition and oral defense of research and presentation. The AP Research score is based on these components and is reported on the standard 1-5 AP scoring scale. The AP Research score may qualify a student for college placement advantages or elective college credit.

**GRADES:** 12  
**PREREQUISITE:** AP Seminar  
**GRAD REQ CODES:** EL  
**TRANSCRIPT CODES:** A, B  
**NCAA ELIGIBLE**

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9120                    **Leadership Development**

This course assists students new to high school and/or student leadership in developing essential leadership and relationship-building skills. This course is designed for students who want to take an active role in creating the school environment in which they live. Course objectives include developing strong communication, organization, and problem-solving skills. Leadership styles, group process, personal success, and character development will be learned through experiential learning activities and media. Instruction is based on the AWSL Building Leaders for Life Curriculum.

**GRADES:** 9, 10  
**PREREQUISITE:** None  
**GRAD REQ CODES:** EL



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9141 / 9142            **ASB Leadership 1 & 2**

These courses focus on planning and implementing student activities to maintain and improve CVHS's culture and climate through the support of all curricular and extra-curricular activities. These courses will require a student to be self-motivated and willing to serve all students and staff in CV's community. A summer retreat and Winter Camp are required. Further information is included on the application.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** Application attached to registration submitted prior to enrolling. Must register for 2 semesters.  
**GRAD REQ CODES:** EL  
**COURSE FEES:** \$35 ASB fee



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9220 / 9221            **Tutor-Math Support**    (9220 first semester; 9221 second semester)

Tutors will assist students in completing daily work and work one-on-one tutoring peers. Students will receive a letter grade for their attendance and participation in class.

**GRADES:** 10, 11, 12  
**PREREQUISITE:** "B" or better in Geometry  
**GRAD REQ CODES:** EL

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9341 / 9342            **Yearbook A & B**

Layout design, photography, and creative writing will be emphasized in this class. Time will be spent on reporting various events, gathering information from interviews, and meeting deadlines for page production. Some after-school time will be required by all students. Students will work in teams and must be able to cooperate and solve problems. Students should plan on taking Yearbook first and second semesters. Students will develop skills in graphic design, time management, decision making, and organization.

**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Instructor approval via application process. Must register for 2 semesters.  
**GRAD REQ CODES:** FA, EL  
**COURSE FEES:** \$35 ASB fee

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77901 / 77902        **Running Start**

Running Start is a college-credit program that allows students to earn high school and college credit simultaneously at Spokane Community College (SCC), Spokane Falls Community College (SFCC), or Eastern Washington University (EWU).

**Prerequisites:** Students must have junior status, a minimum of eleven earned credits, and meet college entrance requirements including GPA and/or appropriate SAT or ACT scores or writing sample scores.

**Cost:** Students are responsible for fees, books, supplies, transportation and any credits exceeding the 1.2 FTE maximum between the high school and college.

**Program:** Students may attend classes at high school and participate in all school activities. Check with Running Start counselors for details and applications. Students are responsible for obtaining information listed in the daily bulletin at the high school and for completing the High School and Beyond Plan (HSBP) assignments. It is their responsibility to maintain contact with their assigned Advisory teacher. In the event that a student withdraws from Central Valley, he/she must also withdraw from Running Start.

**Graduation Ceremony:** Seniors should plan to complete all CVHS graduation requirements by the end of winter term.

**GRADES:** 11, 12  
**PREREQUISITE:** Application and college acceptance  
**GRAD REQ CODES:** ALL CODES AVAILABLE  
**TRANSCRIPT CODES:** R

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950700      **Library Science Assistant**

This position requires good attendance, clerical and keyboarding skills, ability to use office equipment, a responsible, trustworthy nature, and good people skills. Students must also be capable of understanding the Dewey Decimal system. This class is awarded with a letter grade. If you are interested in being a Library Assistant, please reach out to Ms. Larsen at [mlarsen@cvsd.org](mailto:mlarsen@cvsd.org) for approval. Your name will be submitted to the counseling team. Students should register for other electives and will be placed as a Library Assistant pending approval and availability.

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**GRADES:** 9, 10, 11, 12  
**PREREQUISITE:** Counselor Approval  
**GRAD REQ CODES:** EL

*Spokane Valley Tech*

- 88891      **SVT – 1st semester, AM**
- 88892      **SVT – 1st semester, PM**
- 88893      **SVT – 2nd semester, AM**
- 88894      **SVT – 2nd semester, PM**

*Central Valley Virtual Learning*

- 99111V      **CVVL – 1st semester, 1st period**
- 99611V      **CVVL – 1st semester, 6th period**
- 99711V      **CVVL – 1st semester, 0 or 7th period**
- 99112V      **CVVL – 2nd semester, 1st period**
- 99612V      **CVVL – 2nd semester, 6th period**
- 99712V      **CVVL – 2nd semester, 0 or 7th period**

\*See a counselor for additional class periods

*Non-Scheduled: Late Arrival • Early Release*

- 99111      **Late Arrival – 1st period, 1st semester**
- 99112      **Late Arrival – 1st period, 2nd semester**
- 99611      **Early Release – 6th period, 1st semester**
- 99612      **Early Release – 6th period, 2nd semester**



# 2022-2023 Enrollment Request

Students: Complete this form and submit to your School Counselor.

Counselors: Complete information on back and send to SVT.

## STUDENT INFORMATION

Legal Last Name:		First:		M.I.:	
Mailing Address:					
City:		State:		Zip:	
Parent Name(s):				Home phone:	
Parent Email:				Other phone:	
Home High School:				What grade will you be in next year?	
Birthdate:	/ /	Gender:	<input type="checkbox"/> F <input type="checkbox"/> M <input type="checkbox"/> Other:		
Race/Ethnicity: (select one)	<input type="checkbox"/> Asian <input type="checkbox"/> Black <input type="checkbox"/> Hispanic <input type="checkbox"/> Native American <input type="checkbox"/> White <input type="checkbox"/> Multiracial <input type="checkbox"/> Other				
City of Birth:		State of Birth:		Country of Birth:	
Will you be able to provide your own transportation?:	<input type="checkbox"/> Yes <input type="checkbox"/> No				
Parent/Guardian Signature:				Date:	

## COURSE ENROLLMENT:

		SEMESTER CREDIT	TIME*
<b>CTE COURSES</b>	<input type="checkbox"/> Advanced Biomedical Applications - PLTW Years 3 & 4	1.5	8:00–10:00
	<input type="checkbox"/> Advanced Engineering Applications - PLTW Years 3 & 4	1.5	8:00–10:00
	<input type="checkbox"/> Advanced Manufacturing Applications	1.5	8:00–10:00
	<input type="checkbox"/> Advanced Manufacturing Applications	1.5	11:30–2:00
	<input type="checkbox"/> Computer Science and App Development	1.5	8:00–10:00
	<input type="checkbox"/> Emergency Medical Technician (Seniors only)	1.5	8:00–10:30
	<input type="checkbox"/> Fire Science 1	1.5	8:00–10:30
	<input type="checkbox"/> Fire Science 2 (Seniors only)	1.5	11:30–2:00
	<input type="checkbox"/> Teaching Academy	1.5	8:00–10:30

\*Times subject to change based on school schedule. Courses offered based on enrollment.

See course descriptions on the back of this form.

## SVT COURSE DESCRIPTIONS

### Advanced Biomedical Applications (3 credits)

CTE Credit/Lab Science Credit

In this year long, hands-on course you will design innovative solutions for the health challenges of the 21st century in the areas of clinical medicine, physiology, biomedical engineering and public health. This course is highly interactive and allows you to build great connections with the teacher and close relationships with the other students. An internship may also be available for additional credit.

*Prerequisites: Principles of Biomedical Science and Human Body Systems or instructor permission.*

### Advanced Engineering Applications (3 credits)

CTE Credit/Science Credit • College credits are available

Build a robot that can operate by itself to solve a variety of challenges.

This course integrates Computer Integrated Manufacturing, Digital Electronics and Engineering Design and Development. You will design, build, test and modify your solutions to everyday problems.

Become a member of a highly successful SkillsUSA competitive team. An internship may also be available for additional credit.

*Prerequisites: Introduction to Engineering Design and Principles of Engineering or instructor permission.*

### Advanced Manufacturing (3 credits)

CTE Credit/3rd year Math Credit • College credits are available

Advanced Manufacturing is a year-long class where students learn a wide range of manufacturing skills in a business-like environment. Through hands-on practice, students learn industry safety processes, print reading, customer focused-design, precision measurement, sheet metal fabrication, welding fabrication, 3D printing, laser cutting/engraving, and manual machining. Students maintain shop equipment, collaborate on major fabrication projects, and use LEAN to improve efficiency. Students can earn industry certifications in Additive Manufacturing and CAD.

Completion of Advanced Manufacturing earns students two CTE credits and one Applied Math credit. Graduates of the program have launched manufacturing careers/apprenticeships and succeeded in post-secondary technical/engineering education.

### Computer Science and App Development (3 credits)

CTE Credit/Science Credit/Math Credit

Do you have an idea for a mobile app? Is coding your passion? Computer Science will provide you with the tools and skills you need to pursue a career in computer programming. Or maybe you want to have some skills for a great hobby. Either way, this may be just the course for you.

### Emergency Medical Technician (3 credits)

CTE Credit /Science Credit

This program will prepare you for the Basic Life Support Healthcare Provider and Emergency Medical Technicians certifications. If you are interested in a healthcare career, this is a great place to start. EMTs are in demand all over the country. You must be 18 years old by June 2023 for EMT certification.

*Prerequisite: Seniors only*

### Fire Science • Year 1 (3 credits)

CTE Credit/PE Credit may be waived • College credits are available

Interested in firefighting or other emergency service careers? This program will develop the teamwork, leadership, mental and physical skills you need to be successful in the fire service. This class is held at the Fire Science Building and is taught by Spokane Valley Firefighters.

### Fire Science • Year 2 (3 credits)

CTE Credit/PE Credit may be waived • College credits are available

This program will further develop the teamwork, leadership, mental and physical skills you need to be successful in the fire service. This class is held at the Fire Science Building and is taught by Spokane Valley Firefighters. Year two builds upon skills learned in year one and second semester includes topics in EMT. Year two is a senior only class. You must be 18 years old by June 2023 for EMT certification.

*Prerequisite: Fire Science Year 1 and Seniors only*

### Teaching Academy • (3 credits)

CTE Credit/Elective • College credits may be available

Interested in a teaching related career? Like working with younger students? Students will be trained to serve as interns and role models to tutor and teach younger students where classroom instructors will serve as mentors in area schools or related settings that provides first-hand experience. Students need their own transportation to get to job sites.

### This section to be completed by School Counselor

History of attendance issues?  Yes  No

Past or current disciplinary action?  Yes  No

Behavior concerns?  Yes  No

Please explain any "Yes" answers: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Counselor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Counselor's Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Please return this form to Spokane Valley Tech • 115 S. University Rd, Suite B, Spokane Valley, WA 99206

Special education/504 student?  Yes  No

If Yes:  IEP copies attached

504 copies attached

Does student have an Emergency Health Care Plan?  Yes  No

If Yes:  Emergency Health Care Plan attached

Number of credits earned to date: \_\_\_\_\_

Student Transcript attached

# NEWTECH Skill Center

<https://www.spokaneschools.org/newtech>

NEWTech Skill Center offers career and technical education programs in health sciences, professional services and skilled trades. Students spend half their day at NEWTech and the other half at their own high school!. Students attend NEWTech class 2.5 hrs. each day, Monday thru Friday: 8:10 AM -10:40 AM or 11:25 - 1:55 PM. NEWTech serves students from Central Valley, Cheney, Deer Park, East Valley, Freeman, Mead, Medical Lake, Nine Mile, Riverside, Spokane, and West Valley School Districts. When enrolled in a program, your high school will provide busing to the skill center, located at 4141 N Regal St, Spokane WA 99207.

To find out more, go to [www.ConnectWithNEWTech.com](http://www.ConnectWithNEWTech.com), call 509-354-7440 or see your school counselor for more information.

Course	Prerequisite	Grade	Equivalency
Animation and Special Effects	No	11, 12	Math
Automotive Collision Repair 1	No	11, 12	-
Automotive Collision Repair 2	Yes	12	-
Automotive Technology 1	No	11, 12	Math
Automotive Technology 2	Yes	12	-
Aviation Science & Drone Manufacturing 1	No	11, 12	-
Aviation Science & Drone Manufacturing 2	Yes	12	-
Construction Trades 1	No	11, 12	Math
Construction Trades 2	Yes	12	-
Cosmetology 1 (Hair Design) 1	Yes	11, 12	-
Cosmetology 2 (Hair Design) 2	Yes	12	-
Criminal Justice 1 (Law Enforcement) 1	No	11, 12	-
Criminal Justice 2 (Law Enforcement) 2	Yes	12	-
Culinary Arts 1	No	11, 12	Science
Culinary Arts 2	Yes	12	-
Energy & Power 1	No	11, 12	-
Energy & Power 2	Yes	12	-
Graphic Design and Digital Media 1	No	11, 12	Art
Graphic Design and Digital Media 2	Yes	12	-
Pre-Dental Assisting 1	No	11, 12	Science
Pre-Dental Assisting 2	Yes	12	-
Pre-Medical Assisting 1	No	11, 12	Science
Pre-Medical Assisting 2	Yes	12	-
Pre-Nursing Assisting	No	11, 12	Science
Pre-Pharmacy Technician	No	11, 12	-
Pre-Veterinary Assisting 1	No	11, 12	Science
Pre-Veterinary Assisting 2	Yes	12	-
Welding Technology 1	No	11, 12	-
Welding Technology 2	Yes	12	-

See course descriptions on next pages.

## NEWTECH COURSE DESCRIPTIONS

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### **Animation Tech & Special Effects**

In this course students will learn the foundations of animation and special effects used in film and video production through a variety of hands-on experiences, demonstrations, and exercises. Students receive daily instruction and time to practice new skills in the elements of videography, stop-motion, 2-D and digital 3-D animation. Topics include: Scripting and Storyboarding; Composition for Film and Videography; Lighting; Non-linear editing; Audio Recording and editing; Motion-Control; 2-D "Cel-type" animation; and 3-D Modeling, rigging and animation. Our class utilizes the most current software from Adobe Creative Cloud and Autodesk Maya. Come learn how to bring your imagination to the screen!

### **Automotive Collision Repair 1 & 2**

This two-year course is designed to inform and instruct students in the basics of auto body repair. Instruction includes theory and techniques related to the process of welding, metal straightening and panel/body alignment on a variety of auto body industry materials including metal, glass and plastic. Students will learn effective customer relations and sales in multiple settings. Estimating damage and repair costs and procedures are key components in this course.

### **Automotive Technology 1 & 2**

This NATEF/AYES accredited course offers entry-level employment skills for students. The program consists of three phases, each taught by ASE certified technicians with many years of automotive repair and diagnostic experience. Classrooms and shops are equipped with state-of-the-art equipment and training tools. Industry partners offer input regarding the training needs of today's entry-level technicians. The program also focuses on career readiness skills that are necessary for the student's professional development. Summer internships and job placement opportunities may be available to top students. A second year of training is available and concentrates on live work and advanced training. NEWTech's automotive training can lead to other opportunities such as service writing, parts counter person, parts driver, and entry-level maintenance and light repair technician.

### **Aviation Science and Drone Manufacturing 1 & 2**

Interested in a career with unlimited possibilities? Do you like to design and build things? The 1080 hr. (Year 1 and 2) Drone Manufacturing program may be right for you. Prepare for two of the fastest growing industries including manufacturing and unmanned aviation. In this program you will learn how to design, manufacture and assemble a drone using Core+ manufacturing curriculum, become FAA certified as an unmanned aviation pilot, and work with industry professionals.

### **Construction Trades 1 & 2**

Students learn the fundamentals of design, estimating, and the construction of structures using carpentry tools and equipment to industry standards. Carpenters find work in union and non-union organizations. An apprentice carpenter advances to the Journeyman level over four years and salary increases dependent on time served and skills mastered. Within four years of entering this trade, wages can exceed \$39 per hour. Carpenters who achieve a high level of skill are people-oriented, develop a good business sense and can become self-employed contractors. In addition to carpentry, students will be exposed to a variety of construction trades and career opportunities. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

### **Cosmetology 1 & 2 (Hair Design)**

This 1080 hr course (Year 1 and 2) will supply students with basic salon operation, hair cutting, styling and coloring techniques. Students will be introduced to dyes in the second half of the school year, improving on their practical skills and professional knowledge. Students will record their hours as they work toward Washington State Hair Design certification. This program prepares students for a career in the cosmetology industry and helps to prepare students for the State licensing exam.

### **Criminal Justice 1 & 2 (Law Enforcement)**

This 1080 hr course (Year 1 and 2) prepares students for a career in public and private investigative fields. Understand the criminal justice system, investigate crimes, and improve decision-making skills. Develop a working relationship with industry standard representatives and set a pathway towards your career goals and objectives. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

### **Culinary Arts 1 & 2**

In this 1080 hr course (Year 1 and 2) students train in our well-equipped kitchen to prepare stocks, cuts of meat, poultry and seafood utilizing a variety of cooking methods. Work in various positions in the restaurant and hospitality environments while preparing for your career and future college education. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

### **Energy and Power**

In this 1080 hr course, students analyze energy sources and explore the generation, transmission, and distribution of electricity using the Energy Industry Fundamentals modules from the Center for Energy Workforce Development (CEWD). The purpose of this course is to ensure that potential workers gain an understanding of the energy industry as a prerequisite to occupation-specific training. It also ensures that they gain an understanding of the careers available in the energy industry (public utilities), as well as the education and training to enter and advance in those careers. The course provides math, science, and technical writing skills through hands-on application. Students have an opportunity to take the Energy Industry Fundamentals Certificate Assessment.

### **Graphic Design and Digital Arts 1 & 2**

This 1080 hr course (Year 1 and 2) allows students to learn about a variety of careers within the Graphic Design field and demonstrate basic technical skills required of a Graphic Designer. In this course, students will have the opportunity to: Show off your creative and artistic talents using the same advanced software and techniques as industry professionals. Design and produce dynamic marketing projects using the Adobe Master Suite. Use 3D animation and advanced techniques to deliver bold visual communications. Additional emphasis is placed on work readiness, interpersonal communication, problem solving skills, and professionalism in the workplace. Students have the opportunity to earn college credits through Spokane Falls Community College.

## NEWTECH COURSE DESCRIPTIONS

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### **Pre-Dental Assisting 1 & 2**

In this 1080 hr course, students analyze energy sources and explore the generation, transmission, and distribution of electricity using the Energy Industry Fundamentals modules from the Center for Energy Workforce Development (CEWD). The purpose of this course is to ensure that potential workers gain an understanding of the energy industry as a prerequisite to occupation-specific training. It also ensures that they gain an understanding of the careers available in the energy industry (public utilities), as well as the education and training to enter and advance in those careers. The course provides math, science, and technical writing skills through hands-on application. Students have an opportunity to take the Energy Industry Fundamentals Certificate Assessment.

### **Pre-Medical Assisting**

Learn back office medical procedures. Topics include medical terminology, anatomy and physiology, lab procedures. Clinical training in hospitals, clinics, and doctors' offices is available. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace. Students that are 18 years of age, when they complete this course, may apply for a pre-apprenticeship cohort with providence Medical Group.

### **Pre-Nursing Assistant**

Students will cover the basic healthcare skills and knowledge needed to be successful in any healthcare area from nursing assistant to a physician. Studies include infection control, HIV/AIDS information and prevention, CPR and basic first aid, medical terminology, safety, body mechanics and emergency care. Recognition of common diseases and hands-on patient care are included. Students spend time in the classroom and during the second semester at hospital sites learning procedures for patient care. Building student skills with temperature, pulse and respirations, taking blood pressure, as well as learning how to bathe, groom, feed and lift patients is the focus during clinical work. In addition, students learn skills in health unit coordination, competence in computer software used in hospitals and offices, and patient documentation.

### **Pre-Pharmacy Technology**

Our Pre-Pharmacy Technician program introduces students to the skills necessary for entry-level positions in retail, hospital and mail order pharmacies. Students will learn how to process prescriptions, prepare IV medications, order and stock medications as well as operate and troubleshoot automated drug dispensing systems. This program will provide a foundation for students who want to pursue a career as a pharmacy technician or pharmacist.

### **Pre-Veterinary Assisting 1 & 2**

This 1080 hour course (Year 1 and 2) students learn anatomy and physiology, as well as animal health and disease, animal behavior, and client communication to prepare for employment in Veterinary careers. The class focuses are academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

### **Welding Technology 1 & 2**

The Welding program works to train students in the basic skills of oxy-acetylene welding and cutting, shielded metal arc welding, gas metal and flux cored arc welding, gas tungsten arc welding, and many other areas. This program trains students in blueprint reading, math, layout and fit-up, and fabrication of a wide variety of projects. Numerous jobs are available in shipyards, manufacturing and welding shops. Apprentices are needed in sheet metal, iron working, pipefitting, and boiler making.





# Central Valley VIRTUAL LEARNING



**Central Valley Virtual Learning (CVVL)** provides instructor-led online courses to students in grades 8-12. All instructors have valid state certification in their subject areas. CVVL presents students with an interactive learning experience, not a textbook online.

**Class Start Date:**

The later of 9/7/2022 or student entry date.

**Class End Date:**

1/27/2023 or 6/16/2023 for year-long students.

**HOURS:**

Students should expect to spend an average of 5 hours per week per 18-week semester course.

**FEES:**

CVVL course fee only applies if the course is not scheduled during the regular school day and not paid for by basic education funding.

**\$200.00** (only if taking course as a 7th-period class)

Fee is reduced for income-eligible students as follows:

- ◆ \$140.00 (reduced lunch)
- ◆ \$80.00 (free lunch)

Payments can be made at the high school business office, which accepts checks and money orders (made payable to Central Valley Virtual Learning and noting the student's name).

Or you can pay online through your PowerSchool account.

Do not send cash.

**21-DAY RULE:** If a student withdraws or is dropped from a CVVL course after 21 days, they may receive an "F" grade. Please see "Student Expectations" for details.



## Registration

**All registration is subject to approval by your school counselor.**

**Simple steps to register for CVVL:**

1. First, meet with your counselor ASAP
2. Then complete the CVVL online registration form on our website
3. Last, attend orientation (dates TBD)

## FYI...

**Additional course registration information:**

- ◆ CVVL is for credit advancement and acceleration (not credit retrieval).
- ◆ Student orientation is mandatory for all students.
- ◆ No student will be enrolled until we receive a complete registration form. Fees may apply.
- ◆ All courses are offered based on sufficient enrollment.
- ◆ Students will be entered into classes on a first-come first-served basis.
- ◆ Students enrolled in year-long classes will automatically be enrolled in the corresponding second-semester class.
- ◆ Second semester classes have limited openings and you will be notified upon acceptance to the class.

See course list on next page...

**FOR MORE INFORMATION:**

- ◆ **School Counselors** – please contact your school counselor, or
- ◆ **Central Valley Virtual Learning Office:** (509) 558-6550
- ◆ **Online:** Go to [cvvl.cvsd.org](http://cvvl.cvsd.org)



# Amplify your learning options with CENTRAL VALLEY VIRTUAL LEARNING

CVVL provides instructor-led online courses to students in grades 8-12. Students are provided an interactive learning experience. Students may participate at our in-person study sessions with certificated CVSD teachers and student support is available by phone, email, or safe-text. All students receive mentoring to help them monitor their progress toward success in CVVL courses. CVVL courses are for credit advancement and acceleration. Check in with your school counselor for credit retrieval options. Mandatory orientations are held at the beginning of each semester.

Students may request 1-2 CVVL courses. Students wishing to take more than 2 courses must have prior approval from CVVL Administration. Demonstrated success in online courses is strongly considered for approval. All courses are offered based on sufficient enrollment. Students are entered into classes based on school counselor approval and on a first-come, first-serve basis.

## English:

1111V	9th Grade Language Arts 1
1112V	9th Grade Language Arts 2
1211V	10th Grade Language Arts 1
1212V	10th Grade Language Arts 2
1311V	American Literature 1
1312V	American Literature 2
1425V	Bridge to College ELA 1
1426V	Bridge to College ELA 2
1911AV	AP English 11- Lang. & Comp. 1
1912AV	AP English 11- Lang. & Comp. 2
1913AV(A)	AP English 12- Lit. & Comp. 1
1914AV(B)	AP English 12- Lit. & Comp. 2

## World Languages

2103V	Latin Year 1A
2104V	Latin Year 1B
2203V	Latin Year 2A
2204V	Latin Year 2B
2303V	Latin Year 3A
2304V	Latin Year 3B
2115V	Spanish Year 1A
2116V	Spanish Year 1B
2215V	Spanish Year 2A
2216V	Spanish Year 2B
2105V	Chinese Year 1A
2106V	Chinese Year 1B
2101V	Japanese Year 1A
2102V	Japanese Year 1B
2201V	Japanese Year 2A
2202V	Japanese Year 2B
2301V	Japanese Year 3A
2302V	Japanese Year 3B
2401V	Japanese Year 4A
2402V	Japanese Year 4B

## Math

3111V	Algebra 1A
3112V	Algebra 1B
3211V	Geometry A
3212V	Geometry B
3311V	Algebra 2A
3312V	Algebra 2B
3411V	Pre-Calculus A
3412V	Pre-Calculus B
3913AV(1)	AP Calculus AB 1
3914AV(2)	AP Calculus AB 2
3915AV(1)	AP Calculus BC 1
3916AV(2)	AP Calculus BC 2
3911AV(A)	AP Statistics 1
3912AV(B)	AP Statistics 2

## Science:

4109V	9th Grade Science A
4110V	9th Grade Science B
4211V	Biology 1
4212V	Biology 2
4311V	Chemistry 1
4312V	Chemistry 2
4805V	Anatomy and Physiology 1
4806V	Anatomy and Physiology 2

## History:

5211V	World History 1
5212V	World History 2
5311V	US History 1
5312V	US History 2
5410V	Civics (Spring only)
5420V	Current World Problems (Fall only)
5909AV	AP Comparative Gov (Fall only)
5911AV	AP US History 1
5912AV	AP US History 2
5915AV	AP European History 1
5916AV	AP European History 2
5917AV	AP World History 1
5918AV	AP World History 2

## Health and Physical Wellness:

6110V	Health
6805V	Intro to Fitness
6807V	Lifetime Fitness 1
6808V	Lifetime Fitness 2

## Fine Arts

7115V	Drawing, Sculpting, & Painting A
7116V	Drawing, Sculpting, & Painting B
7510V	Music Theory A
7511V	Music Theory B
7921AV	AP Music Theory A
7922AV	AP Music Theory B

Find full course descriptions at:

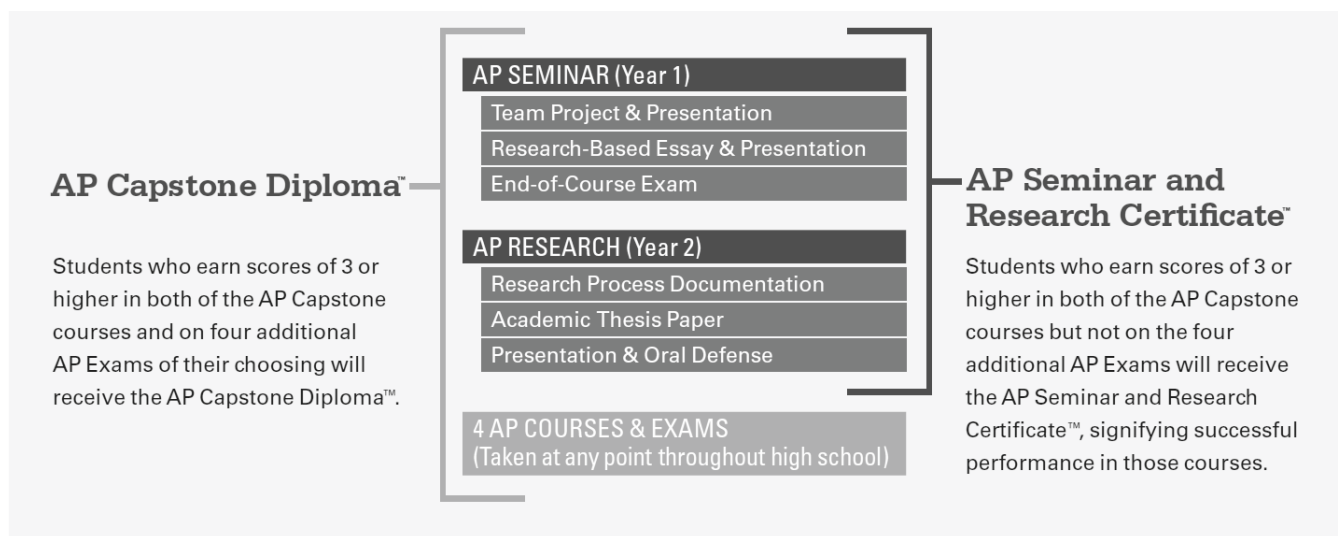
[cvvl.cvsd.org](http://cvvl.cvsd.org)



# AP Capstone

An innovative diploma program, at CVHS, that helps students stand out in the college admission process by developing the critical skills needed to succeed in college and in life.

See below for requirements for completing the AP Seminar and Research Certificate and the AP Capstone Diploma. Please visit <https://advancesinap.collegeboard.org/ap-capstone> for more information.



## AP Seminar (1917A & 1918A)

This foundational course, typically taken in grade 10 or 11, provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a variety of lenses and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives.

Students read articles, research studies, and foundational and philosophical texts; listen to and view speeches, broadcasts, and personal accounts; and experience artistic and literary works to gain a rich appreciation and understanding of issues.

Teachers have the flexibility to choose appropriate themes that allow for deep exploration based on student interests, local and civic issues, global or international topics, and concepts from other AP courses.

### Sample Topics or Themes

- Education
- Innovation
- Revolution
- Sustainability
- Technology

### Assessment

Students are assessed with two through-course performance tasks and an end-of-course exam. The AP Seminar score is based on all three assessments and is reported on the standard 1–5 AP scoring scale.

## AP Research (1919A & 1920A)

*(AP Seminar is a prerequisite for AP Research)*

The second course in the AP Capstone experience allows students to design, plan, and conduct a yearlong research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues.

Students further the skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information to build, present, and defend an argument.

### Assessment

Students are assessed through culminating performance tasks:

- Academic thesis paper (approximately 5,000 words) with a defined structure
- Presentation, performance, or exhibition and oral defense of research and presentation

The AP Research score is based on these components and is reported on the standard 1–5 AP scoring scale.

**At Central Valley High School, AP Seminar is a 10th or 11th grade class. It is the pre-requisite for AP Research that is an 11th or 12th grade class. Both are year-long courses. Please check with your intended college/university for how AP credit will be awarded.**