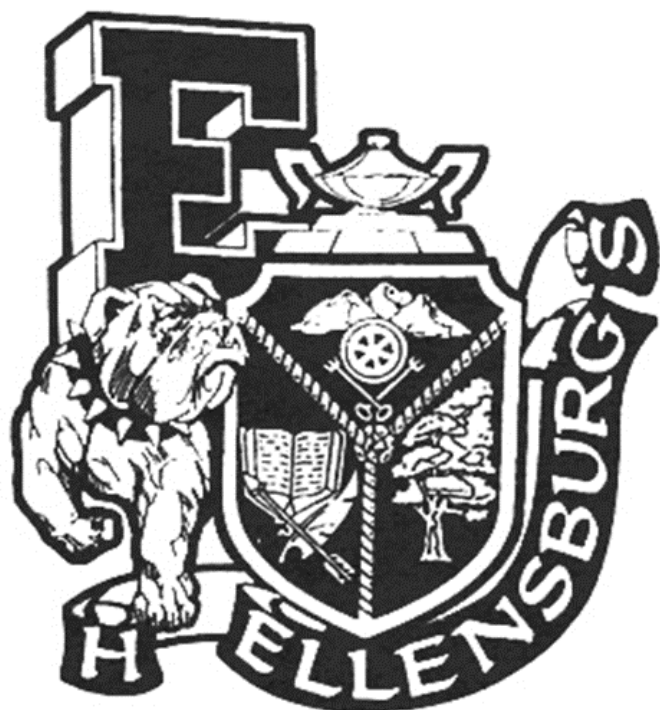


# Course Description Booklet



Ellensburg High School

2023-2024

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## REGISTRATION INFORMATION

All courses and programs are dependent on student enrollment numbers.

### MATERIALS:

#### Course Description Booklet

1. Look at pages 3-9 for information about graduation requirements, college admissions requirements, etc.
2. Read the course descriptions to get an idea of what may be offered. That will help you plan for future years as well as for next year.

#### High School & Beyond Plan (back page)

Use this as your worksheet to plan the courses for your four years at EHS and to keep track of your high school career (coursework).

#### Transcript

1. This is a listing of your academic record. **Check to be sure it is accurate.**
2. Use your transcript as the base for building your program of study for next year.
3. Be sure graduation and college entrance requirements are being met. **This is your responsibility.**
4. Included with your transcript is a graduation requirement summary. Take careful notice of what is indicated on this summary. Be sure to check with your counselor about anything you don't understand.

#### Procedure for Course Request

1. Read through the introductory pages of the Course Description Booklet for information about graduation requirements, college entrance requirements, etc.
2. Refer to the Course Description Booklet to find out about any course in which you are interested. Notice whether a prerequisite is required for a particular course. (A prerequisite is something that you must have in order to take that course. It may be the permission of the teacher or it may be a previous course).
3. Take your materials home with you and review them with your parents/guardians.
4. On the "Course Selection List of Available Courses" please select six (6.0) courses as your first choice selection, followed by three alternative courses.
5. Students can make Course Requests by accessing Skyward Family Access.
6. Your class schedule will be determined by your course requests. **You will only be able to enroll for the courses you requested. If a course becomes full due to enrollment, you will be placed into one of your alternative request.**

**NO OPEN-PERIOD POLICY** Due to state legislation and state funding formulas, all students will be required to take at least six (6) classes each semester, plus CCR Advisory. This means there will be **no open periods** for students. Exceptions to this policy include - online courses, Running Start courses, Personalized Learning Center courses, EXCEL School courses, Home School, Arranged Study courses / Project-Based courses and Work Site Learning courses.

## GRADUATION REQUIREMENTS

In order to graduate from Ellensburg High School, students must complete the following requirement.

- 1. Earn the Required High School Credits:** Students are required to meet minimum credits including the required credits/courses. Please see Specific Course Requirements by Grade Level for more information on page 3.
- 2. Develop a High School and Beyond Plan:** The High School and Beyond Plan gets all students thinking about their future and how they will meet the high school graduation requirements. Students begin to develop their plan in the 8th grade in cooperation with parents/guardians and school staff. The plan is continually revised throughout high school to accommodate changing student interests and goals. Students are given instruction and time during their Career and College Readiness (CCR) Advisory class to work on their High School and Beyond Plan. The plan is finalized during a student's senior year. During the senior year the following components are required for graduation:
  - 5th year plan essay: This plan will include how the student will prepare for acceptance to a 4-year university, community college, trade school, military, joining the workforce, or a gap year.
  - 5th year plan presentation: The presentation will take place in the student's CCR-Advisory class.
  - Ten (10) hours of community service each year of high school.
  - Job Shadow: This requirement is completed in the Consumer & Family Issues course. If the Job Shadow requirement is not completed in the Consumer & Family Issues course, students must see their academic counselor to complete the requirement independently.
- 3. Pass state testing requirements.** Students must pass all state required exams. Some students may need to use an assessment other than the state exam to demonstrate their skills. These students have the choice of completing a number of options, which are state approved alternatives. Please see your academic counselor for more information.
- 4. Washington State History and Government Milestone:** Curriculum to include the study of the Constitution of the state of Washington and information on the culture, history, and government of the American Indian people who were first inhabitants of the state. Please see your academic counselor if this requirement was not fulfilled at the middle school level.

Seniors who are not eligible to participate in commencement because they have not met the above conditions will be notified, as well as their parent/guardian.

Students who would like to graduate early should notify their counselor well in advance of their junior year to see if an appropriate graduation plan can be developed collaboratively with student, parent/guardian and counselor.

## SPECIFIC COURSE REQUIREMENTS CLASS OF 2023, 2024, 2025, 2026

<u>Subject</u>	<u>Credit</u>	<u>Description</u>
English	4.0	3 years of Composition and Literature. Seniors are required to enroll in (1) semester of English.
Mathematics	3.0	Students must complete 3 years of Math - Algebra, Geometry & Elective Math: Accounting, Algebra 2, Algebra Trig, AP Calculus, Financial Fitness, Math in the Modern World/Mathematical Decision Making, Pre-Calculus. *If Algebra was taken in 8th grade can be used for EHS credit.
Science	3.0	9th grade: Systems of the Earth or Ag Science & APTF 10th grade: Biology or Ag Biology 3rd credit based on student's interest
Social Studies	3.0	1.0 credit of World History (10th grade) 1.0 credit of US History (11th grade) .5 credit of World Affairs or Sociology (12th grade) .5 credit of Civics (12th grade)
Family & Consumer Science	.5	.5 credit Consumer & Family Issues (11th or 12th grade)
Health	.5	.5 credit Health (9th grade)
Fitness	2.0	Students may choose to take their PE at any time during high School. Most students fulfill their PE requirements in the 9th & 10th grade years.
Career & Technical Education (CTE)	1.0	Classes fulfilling this requirement include courses offered by the Agriculture, Business & Marketing, Computer Science, Family & Consumer Science, Skilled & Technical Science and STEM Departments.
Fine, Visual and/or Performing Arts	2.0*	Acceptable coursework in the fine, visual or performing arts may be chosen from Art, Band, Choir, Culinary Art, Drama, Digital I & II, Journalism/Media Studies I & II, (Yearbook/Klahiam), Metals I & II, Orchestra, Photography I & II, Video Game Design I & II Video Production I & II and Woodworking I & II
World Language	2.0*	Two credits of the same World Language; current offerings in Spanish and French

Electives	<u>3.0</u>
<b>TOTAL</b>	<b>24.0</b>

\*Personalized Pathway Requirements - Criteria as follows:

- Courses that lead to a specific post high school career or educational outcome chosen by the student, based on the student's interest and High School & Beyond Plan.
- Career & Technical Education courses are intended to provide students with a collection of courses and training opportunities to prepare students for a specific Career Pathway.
- One (1) credit of the Fine, Visual and/or Performing Arts requirement may be Personalized Pathway classes.
- Both (2) credits of the "World Language" requirement to be Personalized Pathway classes.

## High School Graduation Credit Waivers

### **P.E. Waiver**

High school graduation requirements specifically state that students may be waived out of the “activity” portion of fitness, but not out of the “knowledge” portion of fitness. Waiver means released from the class and credit (not taking physical education at all, but still being accountable for the knowledge portion as per state statute). A student must take other classes to make up for the missing credits to meet minimum high school graduation requirements. A 0.5 credit P.E. fitness waiver may be granted for a physical disability, religious belief, participation in one complete season of interscholastic athletic programs (baseball, basketball, bowling, cheerleading, cross country, fast-pitch softball, football, golf, marching band, soccer, swimming, tennis, track and field, volleyball, wrestling) or for academic reasons. In order for the P.E. fitness waiver to be granted a student must also demonstrate fitness knowledge by completing the Health Related Fitness Concepts exam. Students should see their school counselor for the study guide and exam. This form must have a student, parent, counselor and Athletic Department signature prior to submitting to the building principal. The Health graduation requirement cannot be waived under the PE Waiver option.

### **Consumer and Family Issues (FC311) Waiver**

Waiving the Consumer and Family Issues course is contingent upon a student maintaining a full, six-period schedule (College Admission Distribution Requirements), or Running Start equivalent during the student’s senior year at Ellensburg High School AND the student has earned previous credit in Health. If a waiver is granted the student CANNOT waive the Job Shadow requirement of the Consumer and Family Issues course. Students will need to see their school counselor to complete the Job Shadow requirement.

### **Other Waivers**

Unusual circumstances may result in a student’s inability to earn all 24 credits required for high school graduation (ESD Policy #2418).

Form 2418 – Waiver of High School Graduation Credits – is the application for the waiver of up to two elective high school graduation credits based on unusual circumstance (obtain the form from school counselor).

Unusual circumstances include:

Disability (regardless of whether student has an IEP or Section 504 plan), health condition resulting in student’s ability to attend class, homelessness, limited English proficiency, no opportunity to retake classes or enroll in remedial classes free of charge during the first four years of high school, transferring during the last two years of high school from a school with different graduation requirements, other circumstances (e.g., emergency, natural disaster, trauma, personal or family crisis) that directly compromised the student’s ability to learn.

### **Credit for Courses Taken Outside the High School Setting**

Under certain conditions, courses toward high school graduation may be granted by the high school principal for courses from other approved schools, institutions, or the State of Washington Digital Learning Department approved online course list. Check with your school counselor for details.

### **Dual Purpose Course Options (Two for One Policy)**

Washington graduation requirement changes allow students to fulfill two (2) graduation requirements with one (1) course. This “two-for-one” allowance enacted by WAC 180-51-067 enables students who take Career and Technical Education (CTE) equivalency courses to satisfy two graduation requirements while earning credit for the single course. The purpose of this policy is to create flexibility for students to choose more elective courses or to address other graduation requirements (see course list on page 7).

### **Special Education**

For students in Special Education, it is the Individual Education Program (IEP) Team that determines their graduation plan and needed accommodations, including the use of modified grading.



## **DUAL CREDIT OPTIONS**

There are a number of programs in Washington which allow high school students to earn high school and college credit concurrently. They include the following:

### **College in the High School**

College in the High School is a program offered through CWU which allows students to take college classes in their high school, and earn college and high school credit concurrently. These classes are taught by qualified high school instructors who have been approved as CWU lecturers. The Ellensburg School District will pay for up to 5 credits per semester. Currently EHS offers the following College in the High School classes: Leadership, Pre-Calculus, AP Calculus, AP Physics 1, Spanish (3rd and 4th year), AP Environmental Science, Humanities I & II, Mathematics in the Modern World and Mathematical Decision Making, AP English Language & AP English Literature. Students taking math & CiHS classes must qualify with ACCUPLACER test scores.

### **Running Start**

The Running Start program allows qualified juniors and seniors to take college classes on the CWU campus and apply the credits toward high school graduation and toward potential college degrees. Running Start students at EHS take classes through CWU. They must meet “pre-established criteria” and be on track to graduate. Students may take any classes available at CWU but must still meet all specific course requirements for an EHS diploma.

### **Advanced Placement (AP)**

The Advanced Placement program is a nationwide opportunity for students to take college level curriculum in their high school. The students then have the option to take a national test at the end of the school year. After enrolling in college, their college may grant credit or may waive their equivalent course and allow the student to go on and take a higher level course based on their exam scores (this determination is dependent upon the score earned on the exam and each college’s policy). AP courses currently offered at EHS include the following: AP English Language, AP English Literature, AP US History, AP Government & Politics, AP Biology, AP Environmental Science, AP Calculus, AP World History, AP Physics 1, AP Psychology, AP Computer Science Principles, and AP Computer Science A .

### **CTE Dual Credit**

CTE Dual Credit courses are a partnership effort between Spokane Falls Community College, Yakima Valley College, Wenatchee Valley College and Ellensburg High School. CTE Dual Credit courses offer students Community College credit at no cost. Courses include: Ag Capstone, Agricultural Science & APT, Agricultural Biology, Metals I & II (must complete both courses), Natural Resources, Animal Science, Technical Applications in Agriculture, Financial Fitness, Leadership/Project Management and Photography I & II (must complete both courses).

**Credit Retrieval**

Credit Retrieval courses are available via evening winter school, summer school, and some courses are offered online. See your Counselor for details.

**Arranged Study**

-Courses may be requested/taken on an Arranged Study basis for: 1. Courses that are otherwise not offered at EHS 2. A course that does not otherwise fit into the student's schedule due to conflict in the EHS master schedule, or 3. An overload request for a course to be taken in addition to a full six-period schedule at EHS.

-If a student is requesting to take a course on an Arranged Study basis, it should be a course that is not otherwise available at EHS in the traditional in-person format, unless there is a documented extenuating circumstance.

-Arranged Study courses reflect an agreed upon curriculum between the student/parent and EHS teacher. Prior approval is required (on the blue Arranged Study form) by the student's counselor and the principal.

-Students may request the blue Arranged Study form from their counselor.

## **TWO FOR ONE POLICY**

### **CAREER & TECHNICAL EDUCATION (CTE)**

**Students may satisfy two graduation requirements while earning credit for one course, per WAC 180-51-067. The purpose of this policy is to create flexibility for students to choose a more personalized pathway of coursework and address graduation requirements at the same time. The following courses are accepted as equivalent and students may earn the credit assigned.**

<b><u>COURSE TITLE</u></b>	<b><u>GRADUATION REQUIREMENTS MET</u></b>
Accounting	CTE 3rd Year Math
Ag Capstone	CTE English
Agricultural Science & APT	CTE Lab Science
Ag Biology	CTE Lab Science
Animal Science	CTE 3rd Year Lab Science
AP Computer Science A	CTE 3rd Year Math 3rd Year Science
AP Computer Science Principles	CTE 3rd Year Math Lab Science
Applied Algebra	CTE Algebra I
Applied Geometry	CTE Geometry
Culinary Art	CTE Art
Digital Design I & II	CTE Art
Photography I & II	CTE Art

**COURSE TITLE**

Photography I &amp; II

Financial Fitness

Metals I &amp; II

Newspaper (Journalism/Media Studies I &amp; II)

Natural Resources &amp; Ecology

Video Game Design I &amp; II

Woodworking I &amp; II

Video Production I &amp; II

Yearbook (Journalism/Media Studies I &amp; II)

**GRADUATION REQUIREMENTS MET**

CTE

Art

CTE

3rd Year Math

CTE

Art

CTE

English

CTE

Lab Science

CTE

Art

CTE

Art

CTE

Art

CTE

Art

English

## POST HIGH SCHOOL OPTIONS

The requirements for further education/training after high school vary widely. Listed below are the most common options pursued by graduates and the admission requirements for each.

### **Washington State Public Four-Year Colleges/Universities**

Minimum admission requirements for the four-year colleges/universities in the State of Washington are:

ENGLISH	4.0 credits including at least 3 years of Composition and Lit Literature.
MATHEMATICS	3.0 credits up to and including a minimum of Algebra II. during the senior year students must earn a credit in a quantitative course (e.g. Math, Accounting, Physics and Chemistry, Robotics and Biotechnology, Environmental Science).
SOCIAL STUDIES SCIENCE	3.0 credits 2.0 credits including 1 credit of Algebra based science and 2 credits of Lab Science (WWU also requires a year of Chemistry or Physics)
FOREIGN LANGUAGE	2.0 credits of a single language
FINE or PERFORMING ARTS	1.0 credit – art, photo, music, drama

For additional details, check with the college(s) you are interested in or your high school counselor. These institutions also have GPA requirements. SAT or ACT test scores may also be required. Private institutions may have additional requirements.

**Washington State Community and Technical Colleges**-- While there are no specific admissions requirements, students are strongly encouraged to complete the same coursework as required for 4-year college admissions. Please contact specific institutions of interest for admissions testing information.

**Out-of-State Colleges and Universities** -- Be sure to check with the specific schools of interest as out-of-state requirements vary widely. SAT or ACT test scores may be required but GPA and subject pattern requirements can be very different.

**Trade & Technical Schools** -- Check with specific schools of interest for admissions requirements.

**Military Enlistment** -- All branches of the military require a high school diploma. Check with your local recruiter for specifics.

**Apprenticeships**-- [www.wa.gov/esd/apprenticeship/](http://www.wa.gov/esd/apprenticeship/) -- Apprenticeships are available throughout the state for on-the-job training in a variety of career areas.

**Standardized Testing for Education Beyond High School**

The tests listed below are those most frequently taken by EHS students and most important to their further education. This summary should not be used as a substitute for consulting the counselors, college catalogs, or scholarship programs for required testing information.

**PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)**

This test is given annually in October. It is designed for juniors to help them prepare for the SAT college entrance exam. It is also used to determine National Merit Scholars for college scholarships. Students may take this test in the sophomore year but it will not qualify them for the National Merit Scholarship Program unless they retake in their junior year. Cost is approximately \$20.

### **ASVAB (Armed Services Vocational Aptitude Battery)**

The ASVAB is offered to high school and post-secondary students as part of the ASVAB Exploration Program. The program provides tools to help students learn more about career exploration and planning. Students at Ellensburg High School have the opportunity to take the ASVAB assessment their junior year. The test is free and scores are not shared with any branch of the Armed Services.

### **SAT and ACT**

Either the SAT or ACT may be required for admissions to Washington State four-year institutions of higher learning. (Be sure to check with the college/university of your choice as to which test is required.) SAT is offered two times throughout the year on school days. It is recommended that students take them in the spring of their junior year. Seniors need to check the date by which the results must be sent to the appropriate place. The October or November test dates are recommended for seniors. Testing dates and registration deadlines are posted online. SAT costs are approximately: \$60.00.

**SAT**                      [www.sat.collegeboard.org](http://www.sat.collegeboard.org)

**ACT**                      [www.act.org](http://www.act.org)

### **AP Exams**

These tests are given in May each year for students completing AP courses. Financial cost is approximately \$100 per test. The tests are optional, though all students are encouraged to attempt them. Assistance is available for students who qualify for free-reduced lunch.

### **Financial Aid for Education after High School**

This category includes grants, loans, and work study. The FAFSA (Free Application for Federal Student Aid) determines the level of need for financial aid; the information is sent to the schools to which the student is applying and then the specific institution offers a financial aid package to the student.

- Financial aid may be used for meeting college costs, both direct educational costs (tuition, fees and books) and personal living expenses (such as food, housing and transportation).
- Parents and students need to know and follow the institution's filing deadline for prime consideration for aid. Many institutions expect the FAFSA to be in by February 1.
- FAFSA forms are available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov)., beginning in October of senior year.
- Financial aid information is available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) or by contacting the financial aid office at your intended college.
- In order to submit the FAFSA application, both the student and the parent must have their own FSA ID number which can be obtained at [www.FSAid.ed.gov](http://www.FSAid.ed.gov)

### **Scholarships**

- Scholarships are available for students for all types of interests, affiliations and aspirations.
- A Scholarship Board in the Commons keeps information updated in a timely manner.
- A Scholarship Fair is held each fall at Ellensburg High School.
- Scholarship information is posted on an ongoing basis throughout the school year on the SCHOLARSHIPS EHS Facebook page, as the counseling office becomes aware of available scholarship opportunities. Please check this periodically to stay current on upcoming available scholarships.

### **R.O.T.C. Scholarships and Military Academies**

- All armed services offer four-year scholarship opportunities to high school students going on to college. These scholarships, awarded on a competitive basis, pay for tuition, books, fees, and other educational expenses for students majoring in specific fields. They also pay the student a monthly stipend during each academic year the award is in effect. All scholarships commit the student to a multiple year military obligation.
- Potential applicants must take the SAT or ACT in the spring of their junior year or the first fall testing of their senior year. Contact specific college ROTC offices for specific testing and qualifying deadlines.

**Military Academies** -- Attendance at the military academies is covered by scholarships but the application process must begin early in the junior year. Contact the recruiter directly if interested.



**NCAA REQUIREMENTS )[www.ncaa.org/student-athlete/future/eligibility-center](http://www.ncaa.org/student-athlete/future/eligibility-center)**

The NCAA Clearinghouse determines eligibility for student-athletes considering attending a Division I - Division III school. The coursework qualifications are stringent so interested students need to start early in high school to plan their classes in order to be eligible to play sports at these schools. Application to the NCAA for eligibility must be started in the junior year. Students interested in participating in college athletics must create a student profile on the NCAA clearinghouse web site at [www.ncaa.org/student-athletes/future/eligibility-center](http://www.ncaa.org/student-athletes/future/eligibility-center). The following is a List of Approved Core Courses for Ellensburg School District. Please check the NCAA website to see if changes to this list of approved core courses have been made. Courses listed below may or may not be available at EHS during the 2023-2024 school year.

**Additional Core Courses**

AP Spanish  
French 1  
Spanish 1,2,3,4,5  
Spanish for Spanish Speakers 1,2,3,4

**English**

AP Junior English  
AP Lit/Comp  
Creative Writing  
Politics  
Freshman English  
Freshman Honors English  
Journalism 1  
Junior Composition  
Junior Literature  
Mythology 1  
Mythology 2  
Senior English  
Sophomore English  
Sophomore English Honors  
Speech

**Mathematics**

Algebra  
Algebra-Trig  
Algebra-Trig Honors

AP Calculus AB  
AP Calculus BC  
Geometry  
Geometry Honors  
Math Analysis  
Math in the Modern World  
Mathematical Decision Making  
Pre-Calculus

**Natural Physical Science**

Advanced Chemistry  
Agricultural Biology  
Agricultural Science & APT  
AP Biology  
AP Environmental Science  
AP Physics I  
AP Physics C  
Aquatic Ecosystems  
Biology  
Biology II  
Biology Advanced  
Biotechnology  
Chemistry  
Chemistry Honors  
Earth Science  
Human Anatomy and Physiology  
Natural Resources & Ecology

Marine Biology  
Physical Science  
Robotics  
Systems of the Earth

**Social Studies**

AP American Gov't  
AP American Politics  
AP Art History  
AP Comp & US Gov't  
AP Psychology  
AP US History  
AP World History  
Economics  
Military History  
Pacific NW History  
Philosophy  
Psychology  
Social Psychology  
Sociology  
US History  
World Affairs/Civics  
World History  
World Geography

## **SCHEDULE CHANGES**

Schedule changes are made based on a student's post high school planning.

Schedule or class changes will be considered on an individual basis during the **first five (5) days of each semester.**

Since you are able to choose your classes, choose carefully, and be prepared. If you are not prepared, your school counselor will schedule your classes for you.

All students must take six classes.

**A student dropping a class after the first eight weeks of a semester will receive an "F" on his/her transcript. Any exception must be appealed through the Principal.**

**Ellensburg Virtual Academy 2023-2024**

Along with our students we learned some things this year about virtual learning. Moving forward for next year we have a plan to serve students virtually, but it will be a significantly different program and it will be designed for students and families that have demonstrated strong academic ability and the need for a more flexible learning environment.

**Scope of the Program:**

- Max of 150 students (7-8 & 10-12th grades)
- Core content courses only (English, Science, History, Mathematics)
- Participants will be required to take at least one class in person at EHS
- Participants will be encouraged to take at least one class in person at MMS
- Students will be required to make regular appointments to check in with program Administration for program compliance and progress monitoring.
- Students must be resident of district
- Students enrolled in a specialized program requesting the VA will have a team decision for placement

**Criteria For Program Entry**

Student \_\_\_\_\_

Grade \_\_\_\_\_

**Statement of Need/Rationale** - Students will need to articulate their individual need or rationale for wanting to participate in the EVA and discuss their ability to be successful in a mostly virtual environment. \_\_\_\_\_

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**Attendance** - Administration will review a student's attendance history. Both in person and virtual, if applicable. Students must have the ability to attend required in-person activities. Meets Expectation (Yes/NO)

**Academics** - The students previous grades, credit status and path to graduation will be evaluated by their counselor and a building administrator. Meets Expectation (Yes/NO)

**Technology** - A technology evaluation will be conducted with the family.

- Is there adequate Internet connectivity in the home? (Yes/NO) If not, has the household used a district hotspot in the past? (Yes/NO)
- Comfort/Skill level with uploading, downloading, printing, scanning etc. (Yes/NO)
- If the student is new to the virtual environment will they be using a district issued Chromebook or a personal device? (Chromebook/Personal Device)
- Whether by district or personal means do you know the process to repair your device? (Yes/NO)

**Recommendation** - A recommendation from a previous teacher related to the student's ability to meet the demands of a Virtual program. (Please attach the teacher recommendation)

**Signatures**

Parent \_\_\_\_\_

Student \_\_\_\_\_

Counselor \_\_\_\_\_

Administrator \_\_\_\_\_

## **EHS Virtual Academy Offerings 2023-2024**

### English -

- Freshman English
- Sophomore English
- Junior English
- Senior English

### History -

- World History
- U.S. History
- World Affairs/Civics

### Mathematics-

- Algebra
- Geometry
- Algebra II
- Trigonometry

### Science -

- 9th Grade Science
- Biology
- Chemistry
- Unified Science

**ELLENSBURG HIGH SCHOOL COURSES**  
**--THERE MAY BE A NOMINAL FEE FOR SOME CLASSES --**

**AGRICULTURE**

All classes satisfy the Career and Technical Education (CTE) requirement. Some courses may be used to satisfy two graduation requirements. Agriculture will help you develop skills for a career or for further post-secondary education.

**EN225 - Ag Capstone**

Grades: 11-12

Prerequisite: Previous Course(s) in Agriculture or Agricultural Mechanics Pathway

Credit: CTE, English, Elective

CTE Dual Credit: Yakima Valley College (5 Credits)

Ag Capstone serves as a pinnacle course for students in the Agriculture Pathway. This culminating and integrative course encompasses all Ag disciplines and experiences. Woven throughout the course are projects and problems based in practical applications and designed to develop and improve employability skills of students. Students will further enhance critical thinking and teamwork skills as they expand on content knowledge from previous agriculture education courses. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this course are eligible for Dual Credit (college credit).

**IN203 - Metals I**

Grade: 10-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

CTE Dual Credit: Wenatchee Valley College (3 Credits)

An introduction to the fundamentals of equipment used in oxyacetylene and arc welding, including welding and cutting safety, basic oxyacetylene welding and cutting, basic arc welding processes and basic metallurgy. Other introductory skills taught include plasma cutting and forging. Skills developed in Metals I, apply to advanced welding and fabrication practices used in Metals II. Students in this lab science course are eligible for Dual Credit (college credit) if they complete both Metals I & II.

**IN205 - Metals II**

Grade: 10-12

Prerequisite: Metals I

Credit: CTE, Art, Elective (1 semester, .5 credit)

CTE Dual Credit: Wenatchee Valley College (3 Credits)

Course focuses on the fabrication of raw materials into functional materials. Students are taught advanced techniques in SMAW, GMAW, GTAW welding process, plasma cutting, sheet metal working, and heat treatment techniques. Students in this lab science course are eligible for Dual Credit (college credit) if they complete both Metals I & II.

**SC108 – Agricultural Science & APT (1st Year Ag)**

Grade: 9

Prerequisite: None

Credit: Lab Science, CTE, NCAA (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College (3 Credits)

This course emphasizes concepts in agriculture, mechanical, power, technology, physics and career options to explore science with real life hands-on activities. Students will apply science through their own individualized supervised Agricultural Experience (SAE) Project. Leadership activities are embedded in the class and students are encouraged to participate in these activities through FFA. This is a cross credited, lab science, NCAA certified course that is also eligible for Dual Credit (college credit).

**SC210 -- Agricultural Biology (2nd Year Ag)**

Grade: 10

Prerequisite: Agricultural Science & APT or Systems of the Earth

Credit: Lab Science, CTE, NCAA (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College (5 Credits)

Topics covered will include cells, cell division, genetics, DNA Technology, development of living organisms throughout time, classification and identification of plants and animals, plant and animal systems, meat science and technology, plant propagation and current issues. They concepts are taught though real life experiences and application based upon current industry standards and practices. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this lab science course are eligible for Dual Credit (college credit).

**SC304 - Animal Science**

Grade: 11-12

Prerequisite: Ag Biology or Biology

Credit: 3rd Year Science, Lab Science, CTE (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College (5 Credits)

Animal Science introduces various concepts with exciting hands-on activities, projects and problems. Students' experiences will involve the study of animal's anatomy, physiology, behaviors, nutrition, reproduction, health, selection, and marketing. Students will investigate, experiment, and learn about documenting a project, solving problems and communicating their solutions to their peers and members of the professional community. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists such as veterinarians, zoologists, livestock producers and industry personnel face in their respective careers. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this lab science course are eligible for Dual Credit (college credit).

**SC305 – Natural Resources and Ecology**

Grade: 11-12

Prerequisite: Ag Biology or Biology

Credit: 3rd Year Science, Lab Science, CTE, NCAA (1 year, 1 credit)

CTE Dual Credit: Wenatchee Valley College (3 Credits)

Students will be provided experiences within the fields of Natural Resources and Ecology by covering and exploring the following topics of: Biomes and Ecosystems, Soil, Water and Air, Energy, Flora and Fauna, Human Impact, Agriculture, Forestry and Mining, Multiple Use Resource Management, Sustainability, and Environmental Policies. Students will engage in inquiry-based activities, projects and problem solving to learn the concepts covered in these areas of study including soil science, water ecology, wildlife management, natural resource use and management, through classroom, lab and field experiences. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this lab science course are eligible for Dual Credit (college credit).

**AG230 - Technical Applications in Agriculture**

Grade: 10-12

Prerequisite: Metals I or Metals II

Credit: CTE, Elective

CTE Dual Credit: Yakima Valley College (6 credits)

Technical Applications in Agriculture is a specialization-level course designed to provide students with the skills needed to enter the agricultural technician career field. Throughout the course, students develop technological competencies through rigorous hands-on experiences in the classroom. Students will learn how electrical, fluid, diesel, precision, and mechanical systems function. Then they will use their mechanical skills to identify and communicate the cause and correction of equipment failures. The course will expose students to the newest agricultural technologies that support equipment industries while connecting them with future employers. Students in this lab science course are eligible for Dual Credit (college credit).

## **ART**

The art classes offered at EHS are designed to meet the needs of students in career or lifetime-leisure goals. It is the purpose of the program to teach the principles and elements of design while developing attitudes of self-exploration and self-expression through a wide variety of methods and materials.

### **AR 100 - Art 2D Year 1**

Grade: 9-12, 1 semester, .5 credit (Fall Semester)

Prerequisite: None

Credit: Art, elective

1st year students will learn two-dimensional art techniques through the creation of multiple artworks using pencil, charcoal, pastel, watercolor, scratchboard and other media.

### **AR 200 - Art 2D Year 2**

Grade: 10-12, 1 semester, .5 credit (Fall Semester)

Prerequisite: Art 1

Credit: Art, elective

2nd year students will further develop skills and techniques in two-dimensional art through the creation of multiple artworks using a variety of media including acrylic paint. (Prerequisite: Art 1)

### **AR 101 - Art 3D Year 1**

Grade: 9-12, 1 semester, .5 credit (Spring Semester)

Prerequisite: None

Credit: Art, elective

1st year students will learn three-dimensional art techniques through creation of multiple artworks using paper, clay, paper mache and wire.

### **AR 201 - Art 3D Year 2**

Grade: 10-12, 1 semester, .5 credit (Spring Semester)

Prerequisite: Art 3

Credit: Art, elective

2nd year students will further develop skills and techniques in three-dimensional art through creation of multiple artworks with a focus on wheel-thrown pottery. (Prerequisite: Art 3)

### **AR 300 - Art 2D Year 3**

Grade: 11-12, 1 semester, .5 credit (Fall Semester)

Prerequisite: Art 2

Credit: Art, elective

3rd year students will work independently to extend exploration and development of art media and techniques through creation of a body of work. Emphasis will be placed on developing individual voice, perspective and style. Project plans will be submitted for instructor approval. (Prerequisite: Art 2)

### **AR 301 - Art 3D Year 3**

Grade: 11-12, 1 semester, .5 credit (Spring Semester)

Prerequisite: Art 4

Credit: Art, elective

3rd year students will work independently to extend exploration and development of art media and techniques through creation of a body of work. Emphasis will be placed on developing individual voice, perspective and style. Project plans will be submitted for instructor approval. (Prerequisite: Art 4)



**EN415 - AP Art History**

Grade: 11-12, 1 year, 1 credit

Prerequisite: None

Credit: Art, Social Studies, English, NCAA

The study of art history invites students to discover the diversity in connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. AP Art History welcomes all students into the global art world as active participants, engaging with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

**EN533 - Journalism/Media Studies I and II (Yearbook Klahiam)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: CTE, English, Art, NCAA

Students in this class will design and produce the EHS KLAHIAM yearbook. Staff members will perform the tasks of reporting, copywriting, budgeting/sales, digital photography, graphic design and page layout. An interest in writing, design and a flair for creativity and good attendance are necessary for success in producing an award-winning yearbook. A commitment to outside class time is necessary. A FULL YEAR commitment is required.

**EN540 - Drama**

Grades 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: English, Elective, Art

This class offers an overview of drama and stage production. Emphasis will be on style and structure of plays, stage terminology, and acting techniques, including stage movement, voice, character development, improvisation, pantomime, and musical theater. In-class performances of both original and scripted scenes, and some work in technical theater including scenery and costuming will be covered. Students in the class will perform for EHS, and potentially in pep assemblies and at local elementary schools.

**FC301 - Culinary Arts**

Grade: 9-12

Prerequisite: Foods

Credit: CTE, Art, Elective (1 semester, .5 credit)

A course designed to develop culinary skills, explore foreign cuisine and the food service industry. This course takes food preparation skills past the basics into more advanced techniques and is a seminar course in which students will assume responsibility for the direction and structure of the learning environment. While in this class, students will create a business plan for their own (hypothetical) restaurant; creating a name, logo, menu, textile board, architectural restaurant layout and the like.

### **IN105 – Photography I**

Grade 9-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

Dual Credit: Spokane Falls Community College (5 credits)

Photography I explores the creative and conceptual aspects of designing and producing digital imagery, graphics, and photography. Students study the techniques, genres, and styles from multiple mediums and forms. Topics may include aesthetic meaning, appreciation and analysis; composing, capturing, processing, and programming of imagery and graphical information; their transmission, distribution, and marketing; and contextual, cultural and historical aspects and considerations. Students in this course are eligible for Dual Credit (college credit) if they complete both Photography I & II.

### **IN106 - Photography II**

Grade 9-12

Prerequisite: Photography I

Credit: CTE, Art, Elective (1 semester, .5 credit)

Dual Credit: Spokane Falls Community College 95 credits)

This course will help the students advance their skills in the fundamentals of digital photography. Three areas of instruction will be emphasized: 1) how composition influences work, 2) how intention influences outcome and, 3) how to use photo-editing software to influence the message being sent to the audience. Students in this course are eligible for Dual Credit (college credit) if they complete both Photography I & II.

### **IN108 – Woodworking I**

Grade 9-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

Woodworking 1 is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary with a focus on the safe use and operation of hand tools, power tools, and woodworking machinery.

### **IN109 - Woodworking II**

Grade 9-12

Prerequisite: Woodworking I

Credit: CTE, Art, Elective (1 semester, .5 credit)

This course is designed to build on the fundamentals and skills learned in Woodworking I. Students will expand their knowledge and experience through various projects, lessons and the principles of design with a focus on industry standards in associated career fields such as building/construction and composites/fabrication.

**IN110 – Video Game Design I**

Grade: 9-12

Prerequisite: Intro to Programming or AP Computer Science Principles

Credit: CTE, Art, Elective (1 semester, .5 credit)

Turn your love of playing video games into a passion for creating them. Game design is a large field, drawing from the fields of computer science/programming, creative writing, and graphic design. Game designers take the creative lead in imagining and bringing to life video game worlds. Students will learn to analyze, design, and create interactive games -- including virtual reality games. You will have the opportunity to earn a Unity Certified Developer certificate to give you a competitive edge in today's job market-- for FREE!

**IN112 – Video Game Design II**

Grade 10-12

Prerequisite: Video Game Design I

Credit: CTE, Art, Elective (1 semester, .5 credit)

Builds on content covered in Video Game Design I class. Instruction will include advanced work in 3D graphics, character development, 3D modeling, and music composition. Industry software will be utilized, such as Unity, Blender, and FL Studio, to create games as individual and group projects. You will have the opportunity to earn a Unity Certified Developer certificate to give you a competitive edge in today's job market-- for FREE!

**BU110 - Digital Design I**

Grade 9-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

Use Adobe Illustrator and Photoshop software, Wacom pen/pad to create your own digital artwork. Learn the elements and principles of design, along with typography and color theory to produce original works of artwork. Make your own pen/ink watercolor, acrylic designs on the computer. Learn and develop design and drawing skills. Create cartoon characters, landscapes, portraits, animation characters, and animals. Use shading and highlighting to create depth to your computer artwork.

**BU111 - Digital Design II**

Grade 9-12

Prerequisite: Digital Design I

Credit: CTE, Art, Elective (1 semester, .5 credit)

Use Adobe Illustrator and Photoshop to create your own computer art using Wacom drawing pen & pad. Continue developing your skills in perspective, illustration, emotive, analytic, geometric and life drawings. Create a marketing campaign using your works of art. Class emphasis will be on expanding your skill level and developing portfolio pieces.

### **IN200 – Video Production I**

Grade: 10-12

Prerequisite: Photography I and Photography II

Credit: CTE, Art, Elective (1 semester, .5 credit)

This course will help the students become well rounded in the fundamentals of video production. Various areas of instruction will be emphasized: computer basics, camera operation, formatting and scripting, digital and audio software applications, understanding/utilization of proper file formats, advanced digital/audio production processes, digital video editing, audio equipment, lighting equipment and techniques, camera angles and composition, and employment possibilities.

### **IN201 – Video Production II**

Grade: 10-12

Prerequisite: Video Production I

Credit: CTE, Art, Elective (1 semester, .5 credit)

This course is designed to provide students with the advanced knowledge and skills related to the video production industry. Includes instruction and hands-on assignments in the following areas: Camera operation, recording audio, lighting systems, pre-production, production, post production, visual effects and graphics and copyright laws.

### **IN203 - Metals I**

Grade: 10-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

CTE Dual Credit: Wenatchee Valley College (3 Credits)

An introduction to the fundamentals of equipment used in oxyacetylene and arc welding, including welding and cutting safety, basic oxyacetylene welding and cutting, basic arc welding processes and basic metallurgy. Other introductory skills taught include plasma cutting and forging. Skills developed in Metals I, apply to advanced welding and fabrication practices used in Metals II. Students in this lab science course are eligible for Dual Credit (college credit) if they complete both Metals I & II.

### **IN205 - Metals II**

Grade: 10-12

Prerequisite: Metals I

Credit: CTE, Art, Elective (1 semester, .5 credit)

CTE Dual Credit: Wenatchee Valley College (3 Credits)

Course focuses on the fabrication of raw materials into functional materials. Students are taught advanced techniques in SMAW, GMAW, GTAW welding process, plasma cutting, sheet metal working, and heat treatment techniques. Students in this lab science course are eligible for Dual Credit (college credit) if they complete both Metals I & II.

## **BUSINESS & MARKETING**

### **BU108 – Business Procedures (TA/Office Aide)**

Grade: 11-12

Prerequisite: None

Credit: CTE, Elective (1 semester, .5 credit)

Students will learn and understand business procedures relevant to being in the workplace. Topics will include professionalism in performing duties such as confidentiality, quality performance, ethics, telephone etiquette, and customer service. Further topics will include computer applications, infographics, business communications, memes, workplace laws, and employer rights and responsibilities. Students will be assigned assignments each week. Students may assist peers or teachers as directed by the mentor teacher. Students can earn .5 credits per semester with a maximum of 2.0 credits.

### **BU110 - Digital Design I**

Grade 9-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

Use Adobe Illustrator and Photoshop software, Wacom pen/pad to create your own digital artwork. Learn the elements and principles of design, along with typography and color theory to produce original works of artwork. Make your own pen/ink watercolor, acrylic designs on the computer. Learn and develop design and drawing skills. Create cartoon characters, landscapes, portraits, animation characters, and animals. Use shading and highlighting to create depth to your computer artwork.

### **BU111 - Digital Design II**

Grade 9-12

Prerequisite: Digital Design I

Credit: CTE, Art, Elective (1 semester, .5 credit)

Use Adobe Illustrator and Photoshop to create your own computer art using Wacom drawing pen & pad. Continue developing your skills in perspective, illustration, emotive, analytic, geometric and life drawings. Create a marketing campaign using your works of art. Class emphasis will be on expanding your skill level and developing portfolio pieces.

### **BU118 – Student Store Management**

Grade 10-12

Prerequisite: Intro to Business or Intro to Marketing

Credit: CTE, Elective (1 year, 1 credit)

Want to learn entrepreneurship and business management by helping manage and work in the school store (The Merc.)? This class is the chance for you to gain management, customer service, creative merchandising, and marketing skills through hands-on experience! You will analyze the business to determine opportunities for growth and improvement and be one step closer to starting your own business someday. **You will be required to work in the store during lunch based on a rotating schedule.**

**BU130 - Introduction to Business**

Grade: 9-12

Prerequisite: None

Credit: CTE, Elective (1 semester, .5 credit)

In this class you will learn the basics of business. You will gain an understanding of economics, marketing, business management, entrepreneurship, and more with a focus on project-based learning. The things you learn and skills you gain will create a foundation you can use and build upon the rest of your life. After all, business is everywhere and the more you understand the more opportunities become available.

**BU145 – Introduction to Marketing**

Grade 9-12

Prerequisite: None

Credit: CTE, Elective (1 semester, .5 credit)

Learn the principles of marketing and develop valuable marketing skills in this Introductory course. We will focus on pricing, promotion, advertising, and selling as well as different forms of marketing management. You will also learn how AI, marketing automation, and other innovations can help marketers create marketing funnels that can reach millions of people and be managed from a single laptop.

**BU200 - Career Choices**

Grade: 9

Prerequisite: None

Credit: 9th Grade Requirement

Career Choices allows students an opportunity to identify and explore a career pathway and develop a career plan. Students will develop employability skills, career awareness, and occupational knowledge that prepares them for success in the workplace. Students will reflect on their individual skills and interests and how they might shape their future. Students will begin to develop their required 4-year high school plan and evaluate and analyze potential graduation pathways.

**BU300 – Leadership/Project Management**

Credit: 9-12

Prerequisite – none

Credit: CTE, Elective (1 year, 1 credit)

CTE Dual Credit: Wenatchee Valley College (5 credits)

This course is encouraged for anyone interested in learning about and planning events and activities for students at EHS, as well as club officers and ASB class officers. It is required for ASB Executive Board members. Students will put into practice successful project management skills during the year. The course will focus on opportunities to practice and develop individual, group and workplace project leadership skills. These skills will involve time management, team building, decision-making, problem-solving, communication, human resources and civic responsibility. Students enrolled in the course will have hands-on opportunity to apply these business and leadership skills to working with peers, school government and community organizations. Students in this course are eligible for Dual Credit (college credit).

**BU307 – Accounting**

Grade: 11-12, 1 year, 1 credit

Prerequisite: None

Credit: Fulfills 3rd year math credit, CTE, Elective

A large percentage of college majors require accounting classes. Accounting is a fast-paced business class designed to get students ready for college and the business environment. It is for students who anticipate further education beyond high school or who want to improve their analytical and 21st century skills for business. Accounting is the language of business. It is the basis for making financially smart business decisions and will help you in everyday life. Earn your Math or CTE credit by using up-to-date, internet accessible software to complete lessons at school and from home.

**BU310 – Financial Fitness**

Grade: 11-12

Prerequisite: None

Credit: CTE, 3rd Year Math, Elective (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College BA 180—Consumer Financial Planning (5 credits)

Don't go broke, take Finance! Have your parents ever told you to take a relevant course—here it is! This course provides students with an understanding of personal finance and business related concepts. Emphasis will be on managing careers and money, managing credit, managing resources, providing financial security, risk management, and consumer rights and responsibilities. Upon completion of this course, students will have the knowledge and skills to effectively manage money and finances in order to reach individual financial goals. Students in this course are eligible for Dual Credit (college credit).

**BU326 – Worksite Learning**

Grade: 11-12

Prerequisite: A qualifying CTE class that ties to your current job placement

Credit: CTE, Elective (1 or 2 semesters, .5-1 credit)

Did you know that you can receive credit toward graduation for your work experience? Worksite learning provides students the opportunity to explore future careers through learning in the workplace, while applying skills and knowledge obtained in your CTE classes. Worksite learning occurs at a qualified worksite outside the classroom. Partner up with your employer and EHS while earning dollars from your job placement. One requirement to qualify for WSL, the student must have taken or is currently taking a qualifying class related to the worksite experience.

**EN530 – Journalism/Media Studies I (Newspaper/Alutant)**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, English, NCAA, Elective

This course gives students the opportunity to study a variety of journalistic styles. They will conduct interviews and learn how to write news, features, editorials, reviews, and sports stories. Students will also study units in photo-journalism, graphic design, page layout, and advertising. This class is a prerequisite for the Alutant (school newspaper) staff. A commitment to outside class time is necessary.

**EN531 – Journalism/Media Studies II (Newspaper/Alutant)**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, English, NCAA, Elective

Students in this class will focus attention on advanced photo-journalism, digital photography, and graphic arts. Students will do in-depth reporting in areas of feature writing, editorial writing, and sports reporting, and work together as a team to design, create and publish the high school newspaper, the Alutant. A commitment to outside class time is necessary.

**EN533 - Journalism/Media Studies I and II (Yearbook Klahiam)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: CTE, English, Art, NCAA, Elective

Students in this class will design and produce the EHS KLAHIAM yearbook. Staff members will perform the tasks of reporting, copywriting, budgeting/sales, digital photography, graphic design and page layout. An interest in writing, design and a flair for creativity and good attendance are necessary for success in producing an award-winning yearbook. A commitment to outside class time is necessary. A FULL YEAR commitment is required.

**EN560 - Research Publications/Media Studies**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: CTE, English, Social Studies Elective, Washington State History

Research publications are written documents that report on the results of original research or scholarship. They are a key way for researchers to share their findings with the larger community and to contribute to the development of ideas and theories in sociology, anthropology, economics, and political science. This class is offered to all students interested in pursuing in depth research and investigation into a topic of their choice. Structure would be provided through the themes and curricula of the National History Day program. Peer review by experts in the field through mentorship and job shadowing help evaluate the quality and significance of the research before it is published. Participation in History Day in the 2nd semester would provide industry standards and peer review.

**BU125 - School of Swag**

Grade: 10-12, (1year, 1 credit)

Prerequisite: Intro to Marketing or Intro to Business

Credit: CTE, Elective

Swag, also known as promotional products, are at the heart of this hands-on apparel and merchandising business where you will learn real-world skills in entrepreneurship, sales, market research, pricing, and promotion to name a few. This course also includes the study of economic principles, e-business, social media advertising, business ethics, and the hiring and training of employees. You will also get to design and create your own graphic merchandise.



## COMPUTER SCIENCE

### IN101 – Intro to Programming

Grade 9-12, 1 Semester, .5 credit

Prerequisite: None

Credit: CTE, Elective

This is an industry-based class and regardless of the career you choose – you will learn coding skills that will help you be successful in today's job market. In this introductory course you will learn basic computer programming concepts and how to create basic web pages using HTML/CSS and you will learn Python. In addition to programming, you will learn basic game design and you will create video games. You will have the opportunity to earn an industry certificate in Python to give you a competitive edge in your career – for FREE!

### IN110 – Video Game Design I

Grade: 9-12, 1 semester, .5 credit

Prerequisite: Intro to Programming or AP Computer Science Principles

Credit: CTE, Art, Elective

Turn your love of playing video games into a passion for creating them. Game design is a large field, drawing from the fields of computer science/programming, creative writing, and graphic design. Game designers take the creative lead in imagining and bringing to life video game worlds. Students will learn to analyze, design, and create interactive games -- including virtual reality games. You will have the opportunity to earn a Unity Certified Developer certificate to give you a competitive edge in today's job market-- for FREE!

### IN112 – Video Game Design II

Grade 10-12, 1 semester, .5 credit

Prerequisite: Video Game Design I

Credit: CTE, Art, Elective

Builds on content covered in Video Game Design I class. Instruction will include advanced work in 3D graphics, character development, 3D modeling, and music composition. Industry software will be utilized, such as Unity, Blender, and FL Studio, to create games as individual and group projects. You will have the opportunity to earn a Unity Certified Developer certificate to give you a **competitive edge in today's job market-- for FREE!**

### IN160 – Adv CS Artificial Intelligence/Machine Learning

Grade: 10-12, 1 semester, .5 credit

Prerequisite: AP Computer Science Principles or AP Computer Science A (JAVA)

Credit: CTE, Elective

AI skills are needed to create artificial intelligence technologies, which include areas like neural networks, deep learning and machine learning. AI is used in self-driving cars, image recognition, robotics, speech recognition, and much more. If you are interested in a project-based class where you are given the opportunity to learn cutting-edge technology and be able to solve any number of imaginable problems, then this course is for you!

### **SC400 - AP Computer Science Principles**

Grade 9-12, 1 year, 1 credit

Prerequisite: None

Credit: 3rd Year Science, 3rd Year Math, CTE, Elective

AP® Computer Science Principles is a course designed to teach students the basics of Computer Science concepts at an introductory level. The course will include exciting topics such as coding using Python, learning about Artificial Intelligence, Cybersecurity, the Internet, Cloud Computing, and the ethics in computing. Students will work on a program that will be turned in for AP credit, as well as prepare for the AP CS Principles exam. Students will have the opportunity to earn industry certification in Python to give them a competitive edge in your career – for FREE!

### **SC405- AP Computer Science (Java)**

Grade: 10-12, 1 year, 1 credit

Prerequisite: AP Computer Science Principles

Credit: CTE, 3rd Year Science, 3rd year math, Elective

\*\*Can count as your 3rd year math, senior math, or 3rd year science requirement\*\*

AP® Computer Science offers students the opportunity to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering using java, a popular industry programming language. Students will learn how to apply programming tools and solve complex problems through hands-on experiences and examples. This course is meant to be the equivalent to a first-semester, college-level course in computer science, and will prepare you for the AP CS exam. You will also have the opportunity to earn an industry certificate in Java to give you a competitive edge in today's job market – for FREE!

### **IN115- Cybersecurity 1**

Grade: 10-12, 1 semester, .5 credit

Prerequisite: Intro to Computer Programming or AP CS Principles

Credit: CTE, Elective

With a hacker attack occurring every 39 seconds, it is no surprise that Cybersecurity Analyst is the number one job in 2022-2023. In this course you will learn the basic foundations of cybersecurity, how to detect and analyze malware and learn about the different types of cyber attacks, how to secure systems that have been compromised and sharpen your skills by participating in Capture the Flag (CTF) activities. This class introduces you to cloud computing using Amazon Web Services Academy, providing you with some of the most in-demand skills in today's job market. While in this class students will have the opportunity to take the ITS Specialist industry exam in Cybersecurity for FREE. This course also prepares you to earn additional industry certifications such as ComptTIA Security Plus, AWS Cloud Practitioner, and AWS Security.

### **IN116 - Cybersecurity 2**

Grade: 10-12, 1 semester, .5 credit

Prerequisite: Cybersecurity 1

Credit: CTE, Elective

This course is a continuation of Cybersecurity 1. You will become proficient using the linux operating system while running tools used in the cybersecurity industry to perform computer forensics on compromised systems. This course advances you through the rest of the cloud computing learning modules in Amazon Web Services Academy, providing you with some of the most in-demand skills in today's job market and preparing you to take the AWS Cloud Practitioner certification exam, AWS Security, and ComptTIA Security Plus.

**IN118 - Intro to Web Design**

Grade 9 – 12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, Art, Elective

Creating a web page is easier than you think! Web Design is a project based course that introduces students to basic web design. Students will build web pages, web sites, link web pages, and use exciting and powerful design software. Throughout the course students are introduced to planning and designing creative web pages. Students will use page layout techniques, graphic design, text formatting, multimedia and images. Students have the opportunity to earn industry certification in the course by taking the IT Specialist certification exam in HTML/CSS for free. This is a project based course that does not require any prior knowledge of web design but students should be eager to learn and have good Attendance.

## **ELD (English Language Development)**

### **CCR501 ELD - Career and College Readiness**

Grades: 9-12, 1 year, 1.0 credit

Prerequisite: Entering, Emerging, Developing, Expanding or Bridging on the ACCESS for ELL's (A collective name for WIDA's suite of summative English language proficiency assessments) placement for annual testing

Credit: Elective

Full year advisory period required for students who qualify for ELD services.

### **EL310 - English Language Development**

Grades: 9-12, 1 year, 1.0 credits

Prerequisite: Entering, Emerging, Developing, Expanding or Bridging on the ACCESS for ELL's (A collective name for WIDA's suite of summative English language proficiency assessments) placement for annual testing

Credit: Elective

The English Language Development program is a multi-grade program required for all students that scored at an entering, emerging, developing, expanding or bridging on the ACCESS for ELL's which is administered as a placement test and/or statewide test each spring. The emphasis in the ELD program is on individual and group needs in the four skill areas (i.e., reading, writing, speaking, and listening) to prepare for the transition to mainstream classes. Once students exit the program (Reaching Level), they will be monitored by the ELD teacher to help ensure success outside the ELD classroom.

### **EL315 – English Language Development – Newcomer**

Grades: 9-12, 1 year, 1.0 credit

Credit: Elective

A Newcomer is defined as a student who has been in the United States for less than 3 years and who speaks a language other than English at home. This program is aimed at supporting the specific needs of newcomer Multilingual Learners (MLLs) as they pertain to developing beginning English language skills, acclimating to the U.S. school system, and building or strengthening students' native language skills. Incoming 9th-12th grade students will participate in tasks that address the needs of MLLs at the entering/emerging level. This course will focus on language development and foundational skills in the areas of listening, reading, speaking and writing while supporting specific needs of newcomer MLLs in preparation for a successful school year.

## **ENGLISH AND LANGUAGE ARTS**

Four credits (4 years) of English are required. (All Washington State public four-year colleges/universities require FOUR years of English for admission.) See individual course descriptions for grade level restrictions on particular courses.

The following are “General English” courses along grade levels:

### **Freshmen**

EN101 Freshman English

1.0 credit (1 year)

EN106 Freshman Honors English

1.0 credit (1 year)

### **Sophomore**

EN201 Sophomore English

1.0 credit (1 year)

EN206 Sophomore Honors English

1.0 credit (1 year)

EN306 AP Language & Composition

1.0 credit (1 year)

HS105 - World Studies - Sophomore Block

1.0 credit (1 year) Social Studies & English

### **Juniors**

EN301 Junior Literature & Composition

1.0 credit (1 year)

EN306 AP Language & Composition

1.0 credit (1 year)

EN406 AP Literature & Composition

1.0 credit (1 year)

### **Seniors**

EN401 Senior English

1.0 credit (1 year)

EN406 AP Literature & Composition

1.0 credit (1 year)

EN306 AP Language & Composition

1.0 credit (1 year)

EN505 Humanities I/Mythology

.5 credit (1 semester)

EN506 Humanities II/Exploring Culture in Modern Society

.5 credit (1 semester) English/Social Studies/World Affairs

**The following are semester and year long multi-grade level courses:**

EN518 Literature and Film Studies

.5 credit (1 semester)

EN540 Drama

.5 credit (1 semester or 1 year)

EN530 Journalism/Media Studies I

.5 credit (1 semester)

EN531 Journalism/Media Studies II

.5 credit (1 semester)

EN533 Adv. Journalism/Media Studies I

1.0 credit(1 year)

EN535 Adv. Journalism/Media Studies II

.5 (1 Semester)

EN210 Business Communications

.5 credit (1 semester)

EN212 Business Communications II

.5 credit (1 semester)

EN330 – Social Justice I

.5 credit (1 Semester)

HS415 Art History

1.0 credit (1 year)

CMS240 Writing in Cinema & Journalism/Media Studies

1.0 credit (1 year)

**The option to earn honors credit is available to all students in all LA classes. Students will be offered an option to do honors credit work in any LA class.**

**EN530 – Journalism/Media Studies I (Newspaper/Alutant)**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, English, NCAA

This course gives students the opportunity to study a variety of journalistic styles. They will conduct interviews and learn how to write news, features, editorials, reviews, and sports stories. Students will also study units in photo-journalism, graphic design, page layout, and advertising. This class is a prerequisite for the Alutant (school newspaper) staff. A commitment to outside class time is necessary.

**EN531 – Journalism/Media Studies II (Newspaper/Alutant)**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, English, NCAA

Students in this class will focus attention on advanced photo-journalism, digital photography, and graphic arts. Students will do in-depth reporting in areas of feature writing, editorial writing, and sports reporting, and work together as a team to design, create and publish the high school newspaper, the Alutant. A commitment to outside class time is necessary.

**EN533 - Journalism/Media Studies I and II (Yearbook Klahiam)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: CTE, English, NCAA

Students in this class will design and produce the EHS KLAHIAM yearbook. Staff members will perform the tasks of reporting, copywriting, budgeting/sales, digital photography, graphic design and page layout. An interest in writing, design and a flair for creativity and good attendance are necessary for success in producing an award-winning yearbook. A commitment to outside class time is necessary. A FULL YEAR commitment is required.

**EN101 – Freshman English**

Grade: 9, 1 year, 1 credit

Prerequisite: None

Credit: English, NCAA

The course deals in-depth with both writing skills and literature. The development of the student's own writing abilities will be a primary focus. The rules of usage also will be covered. The literature will include a variety of interesting short stories, a play, a selection of poetry, and several novels. All freshmen must take this course or Freshman Honors.

**EN106 – Freshman Honors English**

Grade: 9, 1 year, 1 credit

Prerequisite: Application

Credit: English, NCAA

Note: There is a mandatory summer reading assignment for this class.

This is a rigorous course intended to fully prepare students for subsequent honors and Advanced Placement classes. Students will read several works of literature (novels, short stories, and plays); write academically and creatively; participate in discussions; complete year-long units on grammar and vocabulary; and develop research skills. Emphasis is on independent rather than guided practice.

**EN201 – Sophomore English**

Grade: 10, 1 year, 1 credit

Prerequisite: None

Credit: English, NCAA

This class explores reading and writing about world literature. Students will read short stories, nonfiction, poetry, novels, graphic novels, and a play. A diverse selection of texts from various cultural backgrounds will be explored. In composition, creative effort will be encouraged. Discussion will be an important part of all units of study. The course will include work in vocabulary and grammar. All sophomores must take this class, Sophomore Honors or AP Language & Composition.

**EN206 – Sophomore Honors English**

Grade: 10, 1 year, 1 credit

Prerequisite: Application

Credit: English, NCAA

Note: There is a mandatory summer reading assignment for this class.

The course will focus on classical and contemporary literature. Students will read many titles included in general Sophomore English, along with additional and more challenging texts. Discussion will be an important aspect of all units of study. Vocabulary study will be a significant part of the class. Students will develop both expository and creative writing abilities through a variety of composition assignments.

**EN425 - Ag Capstone**

Grades: 11-12

Prerequisite: Previous Course(s) in Agriculture or Agricultural Mechanics Pathway

Credit: CTE, English, Elective

CTE Dual Credit: Yakima Valley College (5 Credits)

Ag Capstone serves as a pinnacle course for students in the Agriculture Pathway. This culminating and integrative course encompasses all Ag disciplines and experiences. Woven throughout the course are projects and problems based in practical applications and designed to develop and improve employability skills of students. Students will further enhance critical thinking and teamwork skills as they expand on content knowledge from previous agriculture education courses. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this course are eligible for Dual Credit (college credit).

**EN301 – Junior Literature/Composition**

Grade: 11, 1 year, 1 credit

Prerequisite: 11 th grade standing

Credit: English, NCAA

This is a full-year course that focuses on American literature and the continued development of writing and editing skills. Students read selected literary works in fiction, nonfiction, drama, and poetry as they explore literary styles, examine the American psyche, and analyze the craft of writing. Work in the rhetoric and semantics of language, as well as usage and vocabulary is included in the course.

**EN306 – AP Language and Composition**

Grade: 10, 11, 12 - 1 year, 1 credit

Credit: English, NCAA, CWU CiHS (Eng101 & Eng102 – 5 credits per semester)

This course is for writers who are passionate about language. It is an in-depth course on the study of rhetoric in American literature designed to provide a college-level experience and prepare students to take the AP English Language exam in May. Students may earn up to 10 college credits for CWU English 101 and 102 in the course through the CiHS program. All students may take this class, but they need to be prepared for a heavy homework load and fast pace.

**EN401 – Senior English – Bridge to College**

Grade: 12, 1 year, 1 credit

Prerequisite: 12th grade standing

Credit: English, NCAA

This course was created to provide students with the reading and writing skills they will need for college, work, and life. Designed by community college teachers, it uses high-interest topics to incite thinking, discussion, debate, and writing to prepare students for advanced coursework. Students who anticipate further education beyond high school or simply want to improve analytical thinking are encouraged to take this course.



### **EN406 – AP Literature and Composition**

Grade: 11-12, 1 year, 1 credit

Prerequisite: None

Credit: English, NCAA, CWU CiHS (Eng105 & Hum103 – 5 credits per semester)

This course is for students who are ready for a challenge and wish to read, analyze, discuss, and write about traditional and contemporary British/World Literature. The course is designed to provide a college-level experience and prepare students to take the AP Literature and Composition exam given in May. This course can be taken for 5 CWU credits equivalent to English 105 first semester and can be taken for 5 CWU credits equivalent to Humanities 102 second semester.

### **EN415 - AP Art History**

Grade: 11-12

Prerequisite: None

Credit: Social Studies, English, NCAA

The study of art history invites students to discover the diversity in connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. AP Art History welcomes all students into the global art world as active participants, engaging with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

### **EN518 – Literature and Film Studies**

Grade: 11-12, 1 semester, .5 credit

Prerequisite: None

Credit: English, NCAA

Members of the class will study 14 films from a variety of genres – including silent, western, coming-of-age, musical, comedy, suspense, and war. The emphasis will be on responding to the issues and characters presented in the film and understanding the era in which the film was made. Because many of the films will be in black and white, students with a low tolerance for such films should not take the class. Students will be expected to watch additional films outside of class. Students must complete written compositions related to films they have seen. This can be an exciting course for students interested in learning more about film and its influence on our culture.

A list of films is available upon request.

### **EN505 - Humanities I/Mythology**

Grade: 12, 1 semester, .5 credit/1 credit (C/HS)

Prerequisite: none (EN101 if taken for C/HS credit)

Credit: English, NCAA, CWU CiHS (Hum101 – 5 credits)

This course is an interdisciplinary exploration of culture from the ancient Mediterranean through the Middle Ages and into the early Renaissance, with an emphasis on the role of mythology in culture. History, architecture, music, literature, fine arts, and philosophy will all be thematically explored with a focus on how these elements provide a window into the past. The course is offered as part of a sequence with Humanities II, or can be taken for College in the High School credit through CWU.

**EN506 - Humanities II/Exploring Culture in Modern Society**

Grade: 12, 1 semester, .5 credit/1 credit (C/HS)

Prerequisite: none (EN101 if taken for C/HS credit)

Credit: English, Social Studies/World Affairs, NCAA, CWU CiHS (Hum103 – 5 credits)

This course is an interdisciplinary exploration of culture from the 20th century into the modern period, with an emphasis on the impact of political events on popular contemporary culture. History, literature, philosophy, music and art/film will all be explored through a thematic framework, with focus on their persistence and relevance within contemporary society. The course is offered as part of a sequence with Humanities I as the Senior English requirement, or can be taken for College in the High School credit through CWU.

**EN540 - Drama**

Grades 9-12 - May be taken either 1st, 2nd or both semesters, 0.5 credit per semester

Prerequisite: None

Credit: English, Elective, Art

This class offers an overview of drama and stage production. Emphasis will be on style and structure of plays, stage terminology, and acting techniques, including stage movement, voice, character development, improvisation, pantomime, and musical theater. In-class performances of both original and scripted scenes, and some work in technical theater including scenery and costuming will be covered. Students in the class will perform for EHS, and potentially in pep assemblies and at local elementary schools.

**HS105 – World Studies – Sophomore Block**

Grade: 10, 1 year, 2 credits

Prerequisite: None

Credit: English, Social Studies, NCAA

2 class periods

This is an interdisciplinary class that combines topics, themes and skills from both World History and English coursework. Within the blocked class timeframe, there are opportunities to pursue inquiry and project-based learning, where student choice is emphasized and encouraged. This class provides a streamlined approach that highlights the connections between content ideas, as well as streamlining the development of essential skills necessary in both disciplines (history & english). Other skills emphasized are critical thinking, creativity, and collaboration—which are all crucial and relevant in the 21st century. This is a year-long course; because of the block framework, students will earn credit for both World History and Sophomore English.

## **FAMILY AND CONSUMER SCIENCE**

The goal of Family and Consumer Science coursework is to prepare students to be competent and knowledgeable in their personal, family, and work lives. These courses integrate critical thinking, decision-making, and problem solving as students study and learn about issues facing families today and in the future. Consumer and Family Issues and Health are required classes for graduation. All classes satisfy the Career and Technical Education requirement. Some courses may be used to satisfy two graduation requirements. Family & Consumer Science will help develop skills for a career or for further post-secondary education.

### **FC212 – Foods & Nutrition**

Grade: 9-12

Prerequisite: None

Credit: CTE, Elective (1 semester, .5 credit)

Learn basic cooking with lots of tasting and lab experience. Examine current food issues and learn how food has a lifelong relationship to your health and well-being. You will increase your knowledge of food safety and sanitation, knife skills, measuring, following a recipe, knowledge of ingredients, lab protocol, baking and cooking.

### **FC220 – Child Development & Parenting**

Grade: 10-12

Prerequisite: None

Credit: CTE, Elective (1 semester, .5 credit)

This course is designed to teach students the intellectual, social-emotional and biological development of children and the planning and design of related human services. Includes instruction of parent-child relations, parenting practices, special needs of children, parental and environmental influences of child development, external support services and related public policy issues.

### **FC221 – Advanced Child Development & Parenting**

Grade: 10-12

Prerequisite: Child Development & Parenting

Credit: CTE, Elective (1 semester, .5 credit)

Advanced Child Development is the second course taken within the Education and Training FCS Career Pathway, this course examines the progression of Developmental milestones for children from conception through adolescence. Students will observe Preschool and Elementary Aged Children, here they evaluate individual differences and analyze various characteristics of development that are within various stages of developmental theories.

### **FC301 - Culinary Arts**

Grade: 9-12

Prerequisite: Foods

Credit: CTE, Art, Elective (1 semester, .5 credit)

A course designed to develop culinary skills, explore foreign cuisine and the food service industry. This course takes food preparation skills past the basics into more advanced techniques and is a seminar

course in which students will assume responsibility for the direction and structure of the learning environment. While in this class, students will create a business plan for their own (hypothetical) restaurant; creating a name, logo, menu, textile board, architectural restaurant layout and the like.

### **FC311 –Consumer & Family Issues**

Grade: 11-12

Prerequisite: None

Credit: Consumer & Family Issues, required for graduation (1 semester, .5 credit)

The course focuses on skills needed to survive in the world outside of high school. Units include: Financial Literacy, Landlord Tenant Law, Consumer Rights and Responsibilities, Safety in the workplace, and Relationships issues.

### **FC320 – Restaurant Management**

Grade: 11-12

Prerequisite: Foods & Nutrition, Culinary Arts

Credit: CTE, Elective (1 semester, .5 credit)

This course prepares individuals to plan, manage, and market restaurants and food service establishments. Includes instruction in hospitality administration, food services management, wholesale logistics and distribution, franchise operations, food industry operations, marketing and retail, business law and regulations, customer service, work ethic, and finance and professional standards and ethics.

### **FC400 - Baking and Pastries**

Grade: 10-12

Prerequisite: Foods and Culinary Arts

Credit: CTE, Elective (1 semester, .5 credit)

Dreaming of owning your own bakery someday? Perhaps you want to master cake or pastry making. This course is composed of essential building blocks of learning critical to a promising baker. Students will learn how to be confident in preparing and baking decadent desserts, breads and pastries. Restaurant management basics will also be taught.

### **FC405 – Careers in Education**

Grade: 11-12

Prerequisite: Advanced Child Development & Parenting and an interest in education as a career

Credit: CTE, Elective (1 year, 1 credit)

This class is for Juniors or Seniors interested in becoming a teacher someday. In this year-long course, students learn the knowledge, skills, and practices for careers in education. The course focuses on the general theory and practice of learning and teaching the basic principles of education and psychology; the art of teaching, the planning and administration of educational activities and the social foundations of education. While in this class, students will have the opportunity to work in an early educational setting. First semester course work includes studying child development; learning styles, special education, child abuse response and prevention, diversity and best teaching practices. Second semester involves continued opportunities to work with elementary-age children and a more intense look at the teaching profession including history and governance. You will develop a teaching philosophy and explore what goes into creating a dynamic and productive classroom.

**Note: This requires advanced reading and critical thinking skills.**

## **FITNESS**

Two credits of Physical Education are required for graduation. Courses are offered by the year, but may be taken for the semester. All physical education classes will work toward standards emphasized on the Washington State Fitness Planning Classroom Based Assessment. .5 credits of Health required for graduation. Courses are offered by the semester.

### **FC109 – Health**

Grade: 9-10, 1 semester, .5 credit

Prerequisite: None

Credit: Health – required for graduation

A course designed to help students take a more active role in maintaining their own physical, mental, and social health and to have a better understanding and appreciation for human growth and development as individuals and as members of communities. Juniors and seniors who have not taken FC110 need to see their academic counselor for alternative health course options.

### **PE110 – Sports & Fitness**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: PE, Elective

This class will emphasize fitness concepts and a variety of fitness & sport activities while working toward standards emphasized on the Washington State Fitness Planning Classroom Based Assessment.

### **PE210 – Unified PE**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: Teacher Permission

Credit: PE, Elective

This class combines students of all abilities to participate and work together to improve skill, knowledge, fitness and have fun! This is a great leadership opportunity for students who want to help our school become more inclusive. If you have a heart for mentoring, encouraging and helping all students feel connected and making a positive impact on our school culture, this is the class for you. See Mrs. Wilson if you are interested.

\*College Credit Opportunity

Leadership students will put into practice successful project management skills during the year through work in Unified PE. Students will also focus on individual leadership development, as well as group and workplace leadership skills. These skills will involve time management, team building, decision-making, problem-solving, communication, human resources and civic responsibility. Students opting to enroll in the arranged study/independent leadership credit will also have the opportunity to earn leadership credit (CSBS 200) through Eastern Washington University. See your counselor or Mrs. Naboychik for more information.

### **PE305 – Bodyworks**

Grade 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: PE, Elective

The class will concentrate on fitness concepts using a variety of techniques. Emphasis will be in the area of yoga, aerobics, walking, dance, interval training, toning and core.

**PE309 – Strength & Conditioning**

Grade: 9-12, 1 semester, .5 credit

Prerequisite: Sport & Fitness at EHS, Bulldog Fitness at MMS or Teacher Permission

Credit: PE, Elective

This class is designed to improve the fitness of each student using a variety of fitness activities. Students will have the opportunity to set personal fitness goals and work to achieve them. Students will participate in Olympic Lifting, Body Weight Exercises, Plyometrics, Agility, Isometric Exercises and more.

**PE315 - Dance**

Grade 9-12, 1 semester, .5 credit

Prerequisite: None

Credit: PE, Elective

Class is designed for students who wish to broaden their academic background to dance education. Class will explore and learn dance composition, modern dance, swing, country 2-step, ballroom, cultural history of dance, choreography, folk etc.

**PE330 - Athletic Management**

Grade 10-12 1 semester, .5 credit

Prerequisite: None

Credit: PE, Elective

This course will give the students the opportunity to gain first hand sports-management experience in game day operations across three sport seasons. This will include three pathways: event management, athletic training, and marketing/audio-visual. Sophomore, Juniors, and Seniors may enroll. Successful completion of the credit will include attendance at events, a fitness log, and project/paper at the end of each semester.

**HC101 - Sports Medicine I**

Grades: 10-12

Prerequisite: None

Credit: CTE, Elective

Sports Medicine courses provide students with the knowledge and skills to understand and perform therapeutic tasks that would be designated by an athletic or fitness trainer. Topics covered may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. Students may learn to measure cardiorespiratory endurance, muscular strength and endurance, flexibility, body composition, and blood pressure.

**HC105 - Sports Medicine II**

Grades: 11-12

Prerequisite: Sports Medicine I

Credit: CTE, Elective

This course adds to the experience of Sports Medicine I. Topics include: advanced topics injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes.

## **WORLD LANGUAGE**

Washington State's four-year colleges and universities require two years of one foreign language for admission. It is up to the student to find out entrance requirements for the colleges in which he/she is interested. At Ellensburg High School, students can earn a Seal of Bi-literacy on their transcript and proficiency based high school foreign language credits through passing different levels of the STAMP 4S assessment. Students are able to earn up to four credits depending on the level of proficiency they demonstrate on the assessments in reading, writing, listening and speaking.

### **FL106 - Spanish for Spanish Speakers (year 1)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Native or fluent Spanish speaker, and/or from a home where Spanish is the primary parent language.

Credit: Elective, NCAA

Students that complete the course may continue in FL206, the second year of Spanish for Spanish Speakers. This class is intended for students who speak Spanish at a high level, and who will not be challenged in 1st, 2nd, or 3rd year Spanish and who cannot work another foreign language into their schedule. The focus will be on the mechanics of the language, reading and writing, and will deal with literary, historical, and contemporary content material in Spanish.

#### **Spanish translation:**

Español para hispanohablantes-A. Curso de un año. Prereq. – Para el hispano hablante que hable en español con fluidez, y/o sea de una casa donde el español es el idioma primario. Los estudiantes que completan este curso pueden continuar a la clase FRL307. Esta clase está dirigida a los estudiantes que hablen el español a un nivel alto, no tendrían un desafío en el primer o segundo año de español, y no pueden arreglar otro idioma en su horario. El foco de la clase será de la gramática del idioma, la lectura y la escritura, y se tratará del contenido contemporáneo, literario, e histórico en el idioma de español.

### **FL206 Spanish for Spanish Speakers (year 2)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Native or fluent Spanish speaker, and/or from a home where Spanish is the primary parent language and successful completion of FL106.

Credit: Elective, NCAA

Students who complete this class may take the AP Spanish test for college credit. This class is intended for students who speak Spanish at a high level, and who will not be challenged in 1st, 2nd, or 3rd year Spanish and who cannot work another foreign language into their schedule. The focus will be on the mechanics of the language, reading and writing, and will deal with literary, historical, and contemporary content material in Spanish.

#### **Spanish translation:**

Español para hispanohablantes-B. Curso de un año. Prereq. – Para el hispano hablante que hable en español con fluidez, y/o sea de una casa donde el español es el idioma primario. Los estudiantes que completan este curso pueden tomar el examen de AP. Esta clase está dirigida a los estudiantes que hablen el español a un nivel alto, no tendrían un desafío en el primer o segundo año de español, y no pueden arreglar otro idioma en su horario. El foco de la clase será de la gramática del idioma, la lectura y la escritura, y se tratará del contenido contemporáneo, literario, e histórico en el idioma de español.

### **FL306 - Spanish for Spanish Speakers (year 3)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Native or fluent Spanish speaker, and/or from a home where Spanish is the primary parent language and successful completion of FL206 or STAMP assessment placement.

Credit: Elective, NCAA

Students who complete this class may take the AP Spanish test for college credit. This class is intended for students who speak Spanish at a high level, and who will not be challenged in 1st, 2nd, or 3rd year Spanish and who cannot work another foreign language into their schedule. The focus will be on the mechanics of the language, reading and writing, and will deal with literary, historical, and contemporary content **material in Spanish**. Students can test into this class via the STAMP assessment or by taking FL206.

#### **Spanish/Español translation/traducción**

Español para hispanohablantes. Curso de un año.

Prereq. – Para el hispanohablante que hable en español con fluidez, y/o sea de una casa donde el español es el idioma primario. Los estudiantes que completan este curso pueden tomar el examen de AP. Esta clase está dirigida a los estudiantes que hablen I español a un nivel alto, no tendrían un desafío en el primer, segundo, o tercer año de español, y no pueden arreglar otro idioma en su horario. El foco de la clase será de la gramática del idioma, la lectura y la escritura, y se tratará del contenido contemporáneo, literario, e histórico en el idioma de español. Estudiantes pueden tomar esta clase si pase la prueba de STAMP o pase la clase de FL206.

### **FL406 - Spanish for Spanish Speakers (year 4)**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Native or fluent Spanish speaker, and/or from a home where Spanish is the primary parent language and successful completion of FL306 or STAMP assessment placement.

Credit: Elective, NCAA

Students who complete this class may take the AP Spanish test for college credit. This class is intended for students who speak Spanish at a high level, and who will not be challenged in 1st, 2nd, or 3rd year Spanish and who cannot work another foreign language into their schedule. The focus will be on the mechanics of the language, reading and writing, and will deal with literary, historical, and contemporary content material in Spanish. Students can test into this class via the STAMP assessment or by taking FL306.

#### **Spanish/Español translation/traducción**

Español para hispanohablantes. Curso de un año.

Prereq. – Para el hispanohablante que hable en español con fluidez, y/o sea de una casa donde el español es el idioma primario. Los estudiantes que completan este curso pueden tomar el examen de AP. Esta clase está dirigida a los estudiantes que hablen I español a un nivel alto, no tendrían un desafío en el primer, segundo, o tercer año de español, y no pueden arreglar otro idioma en su horario. El foco de la clase será de la gramática del idioma, la lectura y la escritura, y se tratará del contenido contemporáneo, literario, e histórico en el idioma de español. Estudiantes pueden tomar esta clase si pase la prueba de STAMP o pase la clase de FL306.



**FR106 - French 1**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: Elective, NCAA

Students will be introduced to the culture and language of the French-speaking world. This is an active class that gives the beginning student the vocabulary necessary to communicate on a basic level with French speakers on a variety of familiar subjects such as school, home, activities, etc. Students develop an ability to communicate in real-life situations by acquiring reading, writing, listening, and speaking skills. It is most important to note that the target language is used extensively and it is the student's responsibility to work with the teacher to master this essential oral component. Cultural activities will accompany language lessons to acquaint students with food, artistic expression, and diversity of the French speaking world. This course is intended for students with no prior knowledge of French.

**FR107 – 1st Year Spanish**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: Elective, NCAA

This course provides practice in all four basic language skills: listening, speaking, reading, and writing. Vocabulary and oral skills are emphasized along with basic Spanish grammar. Spanish speaking culture is studied through films, readings, and special projects.

**FR207 – 2nd Year Spanish**

Grade: 9-12, 1 year, 1 credit

Prerequisite: 1st year Spanish

Credit: Elective, NCAA

Continued study of the Spanish language through the four basic skills: reading, writing, speaking, and listening. Cultural awareness is explored via films, readings, presentations, and projects.

**FR208 – 2nd Year Japanese**

Grade: 9-12, 1 year, 1 credit

Prerequisite: 1st year Japanese

Credit: Elective, NCAA, CWU CiHS (Jap151 & Jap152 – 5 credits per semester)

The 2nd year course is a continuation of elementary Japanese study that includes expanding student knowledge of vocabulary, idioms, Kanji characters, conjugation and formal and informal styles. Exploration of Japanese culture, history and geography continues. This course is offered (optional) as a CiHS Japanese 151 and 152 class through Central Washington University, **each a five credit course. No pre-testing is necessary for enrollment in the CiHS course. The course requirements are the same for CiHS or non-CiHS students.**

**FR307 – 3rd Year Spanish**

Grade: 9-12, 1 year, 1 credit

Prerequisite: 2nd year Spanish

Credit: Elective, NCAA, CWU CiHS (Span151 & Span152 – 5 credits per semester)

This course includes a closer study of grammatical aspects of the Spanish language, various reading selections that reflect the culture and literature of Spanish language populations, and increased emphasis on speaking Spanish in the class. This course is offered (optional) as a CiHS Spanish class through Central Washington University. No pre-testing is necessary for enrollment in the CiHS course. The course requirements are the same for CiHS or non-CiHS students.

**FR407 – 4th Year Spanish**

Grade: 9-12, 1 year, 1 credit

Prerequisite: 3rd year Spanish

Credit: Elective, NCAA, CWU – CiHS (Spanish 154 – 5 credits per semester)

This course continues the study of all Spanish verb tenses and advanced grammatical concepts. Intensive cultural and literary studies, as well as conversation, are a focus.

**FR408 – 5th Year Spanish**

Grade: 9-12, 1 year, 1 credit

Prerequisite: 4th year Spanish

Credit: Elective, NCAA

This is an advanced Spanish course for high school students who have completed 4 units of study (or by instructor permission). As such, the course will emphasize advanced communication and listening skills. Reading at an advanced level will consist of articles of varying topics and lengths and will stress comprehension. Writing skills will be enhanced to include personal narratives with emphasis on improved grammar, which will be an integral aspect of the course. Previously learned structures will be reviewed and reinforced, while advanced grammatical structures will be introduced for continued growth in the language. Students will add to their already extensive vocabulary bank with an emphasis on words necessary for improved communication skills. Students will also continue to learn about the many cultures throughout the Spanish-speaking world.

## **HISTORY/SOCIAL STUDIES**

Washington State four-year colleges/universities require three years of social studies for admission. Ellensburg High School requires one year each of the following history classes: World History, U.S. History, World Affairs & Civics or AP and College in the High School option. At least one Classroom Based Assessment (CBA) will be completed in each required history class as per the Washington State requirement.

### **HS102 – World History**

Grade: 10, 1 year, 1 credit

Prerequisite: None

Credit: Social Studies, NCAA

Course will examine significant historical developments from the pre-History of man to the 21st century. Primarily the course will be concerned with the roots of western civilization, early empires, global expansion and encounter. Additionally, special attention and focus will be given to international conflicts, emergence and development of new nations, and contemporary challenges to democracy and human rights. The core standards of civics, economics, geography, history and social studies skills will be used to research, compare/contrast, analyze, and evaluate major historical events through reading and writing.

### **HS105 – World Studies – Sophomore Block**

Grade: 10, 1 year, 2 credits

Prerequisite: None

Credit: English, Social Studies, NCAA

2 class periods

This is an interdisciplinary class that combines topics, themes and skills from both World History and English coursework. Within the blocked class timeframe, there are opportunities to pursue inquiry and project-based learning, where student choice is emphasized and encouraged. This class provides a streamlined approach that highlights the connections between content ideas, as well as streamlining the development of essential skills necessary in both disciplines (history & english). Other skills emphasized are critical thinking, creativity, and collaboration—which are all crucial and relevant in the 21st century. This is a year-long course; because of the block framework, students will earn credit for both World History and Sophomore English.

### **HS220 – AP World History**

Grade: 9-10, 1 year, 1 credit

Prerequisite: Willingness to devote considerable time to homework and study.

Credit: Social Studies, NCAA

Students will gain a greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding is advanced through a combination of **selective factual** knowledge and appropriate analytical skills. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field study. The format follows that of survey classes in many colleges and universities. College credit may be obtained if a student scores a 3, 4, or 5 on the AP exam in May.

**HS225 –World History**

Grade: 10, 1 year, 1 credit

Prerequisite: Sophomore only, willingness to devote considerable time to homework and study.

Credit: Social Studies, NCAA,

This course is designed for students wanting a college-level challenge, but in a more personalized, nurturing high school setting. The course will, like general education sections, examine significant historical developments from the pre-History of man to the 21st century, but will include more content and sources, be faster paced, and include assignments requiring more analysis and evaluation. Primarily the course will be concerned with the roots of western civilization, early empires, global expansion and encounter. Additionally, special attention and focus will be given to international conflicts, emergence and development of new nations, and contemporary challenges to democracy and human rights. The core standards of civics, economics, geography, history and social studies will be used to research, compare/contrast, analyze, and evaluate major historical events through reading and writing.

**HS301 – United States History**

Grade: 11, 1 year, 1 credit

Prerequisite: Grade 11

Credit: Social Studies, NCAA

We will examine significant historical documents, the rights and responsibilities of citizens, major ideas, eras, themes, and developments in U.S. history. The following social studies skills will be developed: researching, comparing & contrasting, analyzing, evaluating and applying. This class is based on Washington State learning objectives and social studies guidelines.

**HS302 – AP United States History**

Grade: 11, 1 year, 1 credit

Prerequisite: Attend spring meeting, willingness to devote considerable time to homework and study

Credit: Social Studies, NCAA, AP U.S.

History is a college level course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in our nation's history. Students will learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. In addition, the course will focus on the skills necessary to arrive at conclusions based on multiple sources and informed judgment in order to present such evidence and analysis in cogent argumentative essays, and class discussion. Depending on the college or university, college credit may be obtained (up to 6 hours) if a student scores a 3, 4, or 5 on the AP examination in May.

**HS308 – AP Psychology**

Grade: 10-12, 2 semesters, 1 credit

Prerequisite: None

Credit: Social Studies, Science, Elective, NCAA

This AP Psychology course is designed to mirror an entry-level college course that will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Areas covered include: history of psychology; research methods; and emotional development; abnormal behavior and therapies; social psychology; and gender differences.

**HS405 – Civics**

Grade: 12, 1 semester, .5 credit

Prerequisite: None

Credit: Social Studies, NCAA

This class is intended to provide a culminating experience in social studies for Washington State students. It focuses on areas mandated by state law: 1) federal, state, and local government organization and procedures; 2) rights and responsibilities of citizens addressed in the Washington State and U.S. Constitutions; 3) current issues addressed at each level of government; and 4) electoral issues, including elections, ballot measures, initiatives, and referenda. In addition, as connections to current events will be continuous, the American system will also be examined in comparison to other major governmental systems.

**HS406 – World Affairs**

Grade: 12, 1 semester, .5 credit

Prerequisite: one

Credit: Social Studies, NCAA

This class is intended to provide a culminating experience in social studies for Washington State students. It focuses on areas mandated by state law regarding contemporary world history, geography and problems, examining world affairs from the three perspectives outlined in the Washington State social studies frameworks: 1) participation and citizenship; 2) world and regional issues; 3) the international and the individual. As this class will be embedded in current issues and events, major issues studied will have social, political, environmental, and economic origins and effects.

**HS411 – AP US Comparative Government**

Grade: 12, 1 year, 1 credit

Prerequisite: Strong organizational, reading, writing, and comprehension skills, as well as a willingness to devote considerable time to homework and study.

Credit: Social Studies, NCAA

This course replaces the World Affairs/ Civics requirement for graduation. This year-long course prepares students to take two AP exams: United States Government and Comparative Government. The course is designed to teach students to understand and be able to critically analyze important concepts in both U.S. and comparative politics through the study of six core countries from AP Comparative Government (the United Kingdom, Mexico, Nigeria, Iran, Russia and China) and more in-depth study of American government and politics. This course requires students to put forth their best effort on a daily basis, both in class and in reading and listening to news outside of class. Depending on the college or university, college credits in two classes may be obtained if a student scores a 3, 4, or 5 on the AP examination(s) in May.

**HS450 - Western Heritage 101/102**

Grade: 12, 2 semesters, 2 credits

Prerequisites: 11th grade English

Credit: Social Studies (CWP/Civics), English, NCAA, Dual Credit (C/HS), CWU & EWU

This is an interdisciplinary, college-prep course that will focus on using History and English content to develop key skills needed for college success. 1st semester covers the ancient Greeks and Romans by examining their origins, defining conflicts, and cultural legacies. 2nd semester focuses on current issues

and how key moments in the 19th-20th century have shaped modern international relations. The role of citizenship within these topics will also be a vital component throughout each semester. This course will give students the opportunity to earn both senior Social Studies and English credits through one class-- with the option to earn college credit. For students interested in earning college credit from an accredited C/HS university in a highly engaging class.

**HS460 - Sociology/Social Problems**

Grade: 12, 1 semester, .5 credit

Prerequisite: None

Credit: Social Studies, Dual Credit (C/HS), CWU CiHS (Sociology 101)

This course examines human societies of today through a social science lens. It covers the world's social, political, economic and environmental problems, and their causes and effects through the discipline of sociology. This is a dual credit course that can be taken for high school (0.5 credits) and/or college credit (5) through CWU's CiHS program (SOC 101) and satisfies Current World Affairs requirement (0.5 credits).

**EN405 - Humanities II/Exploring Culture in Modern Society**

Grade: 12, 1 semester, .5 credit/1 credit (C/HS)

Prerequisite: none (EN101 if taken for C/HS credit)

Credit: English, Social Studies/World Affairs, NCAA, CWU CiHS (Hum103 – 5 credits)

This course is an interdisciplinary exploration of culture from the 20th century into the modern period, with an emphasis on the impact of political events on popular contemporary culture. History, literature, philosophy, music and art/film will all be explored through a thematic framework, with focus on their persistence and relevance within contemporary society. The course is offered as part of a sequence with Humanities I as the Senior English requirement, or can be taken for College in the High School credit through CWU.

**HS480 - Intro to US Politics**

Grade: 12, 1 year, 1 credit

Prerequisite: None

Credit: Social Studies POSC 101(CWU) or POLI 100 (EWU) 5 College credits and 1 High School credit

This College in the High School/Cornerstone course is an introduction to the workings of the United States government from an historical, theoretical, and institutional point of view. Subjects of study include the founding of the United States, federalism, civil rights and civil liberties, political parties and interest groups, and American political institutions such as Congress, the Presidency, the Judiciary. The course also addresses fundamental concepts such as power, ideology, and the citizen role in democratic politics. This course satisfies the Washington State graduation requirement for Civics and will either be offered through CWU or EWU (still not determined).

## **MATHEMATICS**

All freshmen, sophomores and juniors will be enrolled in a mathematics course. Freshmen will be assigned on the basis of the eighth grade math course grades and eighth grade teacher recommendation and/or special recommendation of the high school teacher. Math teachers will help in placing transfer students. In an effort to improve student learning, the math department will pre-approve all schedule changes. This will help to ensure students are appropriately placed and textbooks have been returned. A scientific calculator is required for Algebra and Geometry. Students who want to purchase a TI-83 or TI-84 calculator at this level may do so. A TI-83 or TI-84 graphing calculator is required for Algebra-Trig, Pre-Calculus and Calculus.

### **BU307 – Accounting**

Grade: 11-12, 1 year, 1 credit

Prerequisite: None

Credit: Fulfills 3rd year math credit, CTE

A large percentage of college majors require accounting classes. Accounting is a fast-paced business class designed to get students ready for college and the business environment. It is for students who anticipate further education beyond high school or who want to improve their analytical and 21st century skills for business. Accounting is the language of business. It is the basis for making financially smart business decisions and will help you in everyday life. Earn your Math or CTE credit by using up-to-date, internet accessible software to complete lessons at school and from home.

### **BU310 – Financial Fitness**

Grade: 11-12

Prerequisite: None

Credit: CTE, 3rd Year Math, Elective (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College BA 180—Consumer Financial Planning (5 credits)

Don't go broke, take Finance! Have your parents ever told you to take a relevant course—here it is! This course provides students with an understanding of personal finance and business related concepts. Emphasis will be on managing careers and money, managing credit, managing resources, providing financial security, risk management, and consumer rights and responsibilities. Upon completion of this course, students will have the knowledge and skills to effectively manage money and finances in order to reach individual financial goals. Students in this course are eligible for Dual Credit (college credit).

### **MA103 – Algebra**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Teacher placement

Credit: Math-Algebra, NCAA

In this course, Common Core State Standard math topics covered will include: the structure of expressions, solving equations and inequalities, creating equations to solve problems, shapes and centers of distributions, describing variability and comparing distributions, categorical data on two variables, numerical data on two variables, linear and exponential sequences, functions and their graphs, transformations of functions, using functions and graphs to solve problems, quadratic expressions, equations, functions, and their connection rectangles, using different forms for quadratic equations, function transformations and modeling, elements of modeling, and completing the modeling cycle.

**MA113 – Applied Algebra**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Counselor/Teacher placement

Credit: Fulfills Algebra credit; may also satisfy 3rd year math requirement, CTE

The purpose of this course is to introduce students to new ways of interacting with algebraic and geometric concepts. Mathematical modeling is stressed as a methodology for approaching the solution to problems. Students will problem solve using equations, graphs and tables and investigate linear relationships. Reinforcement of topics from two-dimensional and three-dimensional geometry is integrated into this curriculum. This includes applications of area and perimeter, the Pythagorean Theorem and its applications, as well as geometric proportion. Finally, introductory instruction in the area of mathematical probability is provided to reinforce use of fractions and numerical modeling. Technology will be used to introduce and expand upon the areas of study listed above.

**MA114 – Pre-Algebra**

Grade: 9, 1 year, 1 credit

Prerequisite: Counselor/Teacher placement

Credit: Elective

The Pre-Algebra course is an introduction to basic algebra concepts and a review of arithmetic algorithms. The course is designed to help students overcome weakness in preparation in mathematics, emphasizing the concepts necessary to be successful in Algebra and Algebra-Trigonometry. The course helps students to develop good mathematical study skills and learning strategies as an integral part of this course.

**MA202 – Geometry**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Passing grade in both semesters of Algebra or currently enrolled in Algebra

Credit: Math, NCAA

This course covers the fundamentals of Education geometry and deals with the properties of geometric figures such as points, lines, planes, triangles, polygons, and circles. Geometric concepts such as congruence, similarity, parallelism, perpendicularity, and area are discussed in detail. Logical thought structure and problem solving abilities are developed through the writing of geometric proofs.

**MA212 - Applied Geometry**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Counselor/Teacher placement.

Credit: Fulfills Geometry credit; may also satisfy 3rd year math requirement, CTE

The purpose of this course is to enable students to further develop knowledge of algebraic, geometric, and statistical concepts through hands-on woodworking/construction activities. The course will include exploration of new concepts, core mathematical ideas, and real-world applications of mathematics, including those from occupational contexts.



**MA240 – Algebra 2**

Grade: 10-12

Prerequisite: Passing grade in both semesters of Algebra and Geometry.

Credit: 1 year, 1 credit

This course will not place you in Math in the Modern World, Mathematical Decision Making, Pre-Calculus or Calculus. Take Algebra-Trigonometry for advancing in the math sequence at Ellensburg High School. This is an advanced Algebra course. Work is done with the various number systems such as the rational, real, and complex. Different types of functions are covered such as linear, quadratic, polynomial, exponential, and logarithmic. Systems of equations will be explained.

**MA301 – Algebra-Trigonometry**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Must receive a C or better in both semesters of Algebra and both semesters of Geometry.

Credit: Math, NCAA, satisfies 3rd year math credit

This course is a combination of Algebra and Trigonometry. Work is done with the various number systems such as the rational, real, and complex. Different types of functions are covered such as linear, quadratic, polynomial, exponential, logarithmic, and trigonometric. Systems of equations will be explained.

**MA310 – Financial Literacy**

Grade: 11-12, 1 year, 1 credit

Prerequisite: Passing grade in all semesters of Algebra, Geometry and Algebra 2 or Algebra-Trig

Credit: Math

This is a real-world math class. Topics can include: credit cards, buying a car, buying a house, banking, retirement and stock market.

**MA400 – Pre-Calculus**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Must receive a passing grade in both Semesters of Algebra –Trig.

Credit: Math, NCAA, CWU CiHS

This course includes a review of the properties of elementary functions. Other topics will include trigonometry, polar coordinates, sequences and vectors. Application of this material to problem solving is emphasized. This course is eligible for college credit (fee paid to Central Washington University) at CWU. Students must take the ACCUPLACER CWU (fee applies) and qualify for CWU's MATH 153 or higher.

**MA401 - Mathematics in the Modern World**

Grade: 11-12, 1st semester, 0.5 credit

Prerequisite: Must receive a passing grade in both semesters of Algebra-Trig.

Credit: Math, NCAA, CWU CiHS (Math101 - 5 credits per semester)

Students must have at least 500 on the SAT, 19 on the ACT or an ACCUPLACER passing score. Students must qualify for CWU's MATH 101 course. Selected topics from the historical development and applications of mathematics, together with their relationship to the development of our present society. This course is eligible for college credit through the CiHS program at CWU.

### **MA402 – Mathematical Decision Making**

Grade: 11-12, 2nd semester, 0.5 credit

Prerequisite: Must receive a passing grade in both semesters of Algebra-Trig.

Credit: Math, NCAA, CWU CiHS (Math102 - 5 credits per semester)

Students must qualify for CWU's MATH 102 course. Selected topics from probability, statistics and mathematical decision making with real-world application. This course is eligible for college credit through the CiHS program at CWU.

### **MA406 – AP Calculus AB**

Grade: 11-12, 1 year, 1 credit

Prerequisite: Must receive a passing grade in both semesters of Pre-Calculus. Seniors wishing to bypass Pre-Calculus will need the permission of their Algebra-Trig teacher and the Calculus teacher.

Credit: Math, NCAA

This introductory course in Calculus covers differentiation and integration of the elementary functions. Applications are emphasized throughout the course. Students may choose to take the Advanced Placement Test in the spring (fee applies).

### **SC400 – AP Computer Science Principles**

Grade: 9-12, 1 year, 1 credit

Prerequisite: None

Credit: 3rd Year Science, 3rd Year Math CTE, Elective

\*\*Can count as 3rd year math or 3rd year science requirement\*\*

AP® Computer Science Principles is a course designed to teach students the basics of Computer Science concepts at an introductory level. The course will include exciting topics such as coding using Python, learning about Artificial Intelligence, Cybersecurity, the internet, Cloud Computing, and the ethics in computing. Students will work on a program that will be turned for AP credit, as well as prepare for the AP CS Principles exam. Students will have the opportunity to earn industry certification in Python to give them a competitive edge in your career – for FREE!

### **SC405- AP Computer Science A Java**

Grade: 10-12, 1 year, 1 credit

Prerequisite: AP Computer Science Principles

Credit: CTE, 3rd Year Science, 3rd year math

\*\*Can count as your 3rd year math, senior math, or 3rd year science requirement\*\*

AP® Computer Science offers students the opportunity to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering using java, a popular industry programming language. Students will learn how to apply programming tools and solve complex problems through hands-on experiences and examples. This course is meant to be the equivalent to a first-semester, college-level course in computer science, and will prepare you for the AP CS exam. You will also have the opportunity to earn an industry certificate in Java to give you a competitive edge in today's job market-- for FREE!

## **MUSIC**

### **MU100 - In Vox Choir**

Grade: 9- 12, 1 year, 1 Credit

Prerequisite: None

Credit: Fine Art, Elective

This year-long course teaches basic choral techniques: breathing, diction, tone, phrasing, singing on pitch, harmony, rhythms, notational symbols, responding to conducting gestures, singing from memory, and correct posture. Students enrolled develop respect for quality music, a commitment to and an enjoyment of singing well, a commitment to the ensemble, and an aesthetic response to the music performed. This group also participates in 4 concerts per year, the YVMEA Choral Contest (Assessment) in March, and occasional clinics. Other activities include (but are not limited to) participation in Broadway, Classical and pop performances.

### **MU102 – Symphonic Band**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Instructor approval

Credit: Fine Art, Elective

Cost: None

The student will learn musicianship through band performance. Musical concepts addressed will include tone, phrasing, ensemble and section playing, individual technique, rhythm, sight reading, theory and history. Playing tests are a regular part of assessment practices for performance ensembles. Private lessons, solo/ensemble, and honor groups are highly encouraged. Participation is required at all scheduled rehearsals, concerts, festivals, parades and home football games (varsity football players & varsity cheerleaders excluded). This course is repeatable for additional credit.

### **MU106 – Bella Voce Choir**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Audition by instructor

Credit: Fine Art

This intermediate-advanced choir will meet all of the criteria listed for the entry-level choir as well as provide opportunities for musical growth in a treble voice setting. We will explore intermediate-advanced techniques for interpretation, blend, sight singing, and diction. Further exploration of intermediate music theory, diverse literature styles, and additional singing in foreign languages will also challenge the intermediate student. Literature will range from unison to 4-part treble harmony. This year-long group will participate in honor festivals, clinics, competitions and 4 concerts per year. Withdrawal at any time mid-year will be considered only in hardship cases as determined by instructor, parent, and counselor.

### **MU200 – Percussion**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Instructor approval

Credit: Fine Arts, Elective

Cost: none

The student will learn skills and techniques pertaining to percussion ensemble repertoire ranging from traditional and contemporary works for percussion and concert band to chamber music extending through

the 21st century. Students are encouraged to seek enrichment through study with private teachers. All percussionists should register for percussion class. Assignments for concert bands will be made from the percussion class. Participation is required at all scheduled rehearsals, concerts, festivals, parades, home football games, and select basketball games (varsity football/basketball players, varsity cheerleaders excluded). This course is repeatable for additional credit.

### **MU111 – Chamber Choir**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Audition by instructor

Credit: Fine art

This advanced choir will meet the entire criterion listed for the entry-level choir as well as provide opportunities for continued musical growth: advanced techniques for interpretation, blend, sight singing, and diction. Further exploration of music theory, diverse literature styles, and additional singing in foreign languages will also challenge the advancing student. This group will participate in honor festivals, clinics, and competitions. Withdrawal at any time mid-year will be considered only in hardship cases as determined by instructor, parent, and counselor.

### **MU121 - Orchestra**

Grade: 9-12, 1 year, 1 credit

Prerequisite: This year-long course is open to students with 2 or more years of experience with violin, viola, cello or bass, or permission of the instructor.

Credit: Fine Art, Elective

This Fine Art / elective course reviews basic orchestral concepts (tone, balance/ blend, intonation, phrasing, bowing, style); as well as more advanced concepts of music theory, history, interpretation, and solo repertoire. This group participates in honor festivals, contests, and 5 evening performances throughout the year. Students are graded each quarter based on the National Standards of Music and the WMEA Standards, E.A.L.R.s and GLE. Classroom Based Performance Assessments (CBPAs) will be administered as mandated by Washington State. Orchestra music will be chosen from medieval, renaissance, classical, romantic and contemporary periods, as well as fiddling, mariachi tunes, and popular music from movies and musicals. Required performances involve a minimum of 5 evening performances throughout the year and the Solo & Ensemble contest in early February.

### **MU202 – Jazz Band**

Grade: 9-12, 1 year, 1 credit

Prerequisite: Audition & instructor approval. Participation in a large group ensemble.

Credit: Fine Art, Elective

Cost: None

The student will learn musicianship through jazz band performance. Musical concepts addressed will include tone production, jazz phrasing, techniques of jazz ensemble and section playing, individual technique, rhythmic development, sight reading, improvisation, jazz theory and jazz history. Playing tests are a regular part of the academic assessment practices for performance-based ensembles. Private lessons are highly encouraged. Participation is required at all scheduled rehearsals, concerts, athletic performances and festivals. This course is repeatable for additional credit.

**MU302 – Wind Ensemble**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Audition & instructor approval

Credit: Fine Art, Elective

Cost: None

The student will learn advanced musicianship through band performance. Concepts addressed include tone production, phrasing, ensemble and section playing, individual technique, rhythm, sight reading, theory and history. Playing tests are a regular part of assessment practices for performance-based ensembles. Private lessons, solo/ensemble, and honor groups are highly encouraged. Participation is required at all scheduled rehearsals, performances, parades, and home football games. This course is repeatable for additional credit. This course is open to select underclassmen.

## **SCIENCE**

Honors Science credit can be earned in the following classes: Systems of the Earth, Biology, and Chemistry. To earn Honors designation, a student must maintain an exemplary grade in the course and participate in a conversation with the course instructor about additional honors work for the specific course. Activities may involve independent research and/or more in depth study of the material. In order to provide evidence for honors designation, students wishing to earn honors credit may be expected to attend additional sessions, maintain a portfolio/notebook, and/or complete independent work. Students in Honors will be enrolled in a regular section of the class. There is no separate class section for Honors. Honors credit will be awarded based on successful completion of the requirements.

### **SC108 – Agricultural Science & APT (1st Year Ag)**

Grade: 9

Prerequisite: None

Credit: Lab Science, CTE, NCAA (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College (3 Credits)

This course emphasizes concepts in agriculture, mechanical, power, technology, physics and career options to explore science with real life hands-on activities. Students will apply science through their own individualized Supervised Agricultural Experience (SAE) Project. Leadership activities are embedded in the class and students are encouraged to participate in these activities through FFA. This is a cross credited, lab science, NCAA certified course that is also eligible for Dual Credit (college credit).

### **SC109 – Systems of the Earth**

Grade: 9, 1 year, 1 credit

Prerequisite: None

Credit: Lab/Algebra based science, NCAA

The study of matter and energy in the context of the Earth system and its place in the universe. Areas of emphasis will be force, motion, and energy in physical science in the context of geology, meteorology, and astronomy. Systems of the earth and biology are designed to meet the Next Generation Science Standards. SC109 is Algebra based and a lab science.

### **SC206 – Chemistry**

Grade: 11-12, 1 year, 1 credit

Prerequisite: Algebra, Geometry, and  
Biology

Credit: Lab/Algebra based science, NCAA, Elective

Traditional general chemistry course. Chemistry is a math-intensive course and students should feel comfortable with Algebra skills. Topics covered include lab safety, measurements, problem-solving, atomic structure, quantum mechanics, chemical bonding, stoichiometry, chemical reactions, and acids and bases.

### **SC210 - Agricultural Biology (2nd Year Ag)**

Grade: 10

Prerequisite: Agricultural Science & APT or Systems of the Earth

Credit: Lab Science, CTE, NCAA (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College (5 Credits)

Topics covered will include cells, cell division, genetics, DNA Technology, development of living organisms

throughout time, classification and identification of plants and animals, plant and animal systems, meat science and technology, plant propagation and current issues. These concepts are taught through real life experiences and application based upon current industry standards and practices. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this lab science course are eligible for Dual Credit (college credit).

### **SC211 – Integrated Science**

Grade: 11-12, 1 credit

Prerequisite: Junior or Senior standing

Credit: Lab Science, 3rd year science

This third year science offering focuses on an expanded unit on chemistry for everyday life, electricity, project challenges, teamwork, communication, and daily math sense work. This hands-on science course is a great way to expand on your science learning from an application perspective. Look for this class to build on math skills, drawing skills, problem solving skills, as well as creating and working in teams. This is a course for students that want a challenge "doing" science and learning about the things we interact with daily.

### **SC213 – Biology**

Grade 10, 1 year, 1 credit

Prerequisite: Systems of the Earth or Agriculture Science

Credit: Lab science, NCAA

Major topics discussed are the cell, cell division, genetics, bioenergetics, evolution and laboratory skill development. Because Biology is a Lab Science, students will be expected to participate in all labs. Biology is designed to meet the Next Generation Science Standards.

### **SC225 – AP Biology**

Grade 11-12, 1 year, 1 credit

Prerequisite: Biology SC213 and/or Chemistry SC206 or instructor permission.

Credit: Lab/Algebra based science, NCAA, Elective

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. After showing themselves to be qualified on the AP examination, some students, as college freshmen, are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. Most students will choose to take the Advanced Placement Test in the spring in order to receive college credit.

### **SC301 - Biotechnology**

Grade 10-12, 1 year, 1 credit

Prerequisite: Successful completion of Algebra and one year of high school science or instructor permission

Credit: Lab/Algebra based science, CTE, Elective, NCAA

This course is designed to provide students with an interest in the STEM careers (Science, Technology, Engineering and Mathematics) an opportunity to learn about and utilize real world techniques in the biotechnology industry. Students will learn the terminology and use the tools of biotechnology, and have the opportunity to work on research projects during this laboratory based course. During the first

semester students will explore basic biotechnology techniques such as column chromatography, DNA and protein electrophoresis, gel imaging and analysis, DNA fingerprinting, genetic engineering, ELISA, enzyme applications and PCR. The second semester of the course will cover more advanced topics such as recombinant DNA techniques, **bioinformatics, microbiological culture techniques, bacterial transformation**, and forensic PCR applications. Students will also be undertaking research projects using biotechnology techniques during the final quarter of the course.

### **SC302 - Robotics**

Grade 11-12, 1 year, 1 credit

Prerequisite: Successful completion of Algebra, and one year of high school science with a “B” or better grade (or permission from instructor).

Credit: Lab/Algebra based science, Elective, NCAA

Limited numbers of students may take this course. This course is designed to provide students with an interest in the STEM careers (Science, Technology, Engineering and Mathematics) an opportunity to learn about and utilize real world technologies in the robotics industry. Students will construct ground based rover vehicles capable of being equipped with various sensors and/or robotic arms. Throughout this course students will learn about mechanics, electrical power systems, coding, design and engineering, control and navigation, sensors, robotic arm design and operation, as well as autonomous and human operational control. Students will engage in a research project of their choosing the final quarter of the class.

### **SC303 – AP Physics 1**

Grade 11-12, 1 year, 1 credit

Prerequisite: Algebra Trig or enrolled in Algebra-Trig or higher math class

Credit: Algebra based science, NCAA, Elective, CWU CiHS (Phys 111 & 111L & Phys 112 & 112L – 5 credits per semester)

Chemistry recommended. AP Physics 1 is a problem solving course equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including gravity, rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits and modern physics. Students may take this class for college credit for Physics 111 and 112 through the CWU CiHS program.

### **SC304 - Animal Science**

Grade: 11-12

Prerequisite: Ag Biology or Biology

Credit: 3rd Year Science, Lab Science, CTE (1 year, 1 credit)

CTE Dual Credit: Yakima Valley College (5 Credits)

Animal Science introduces various concepts with exciting hands-on activities, projects and problems. Students' experiences will involve the study of animal's anatomy, physiology, behaviors, nutrition, reproduction, health, selection, and marketing. Students will investigate, experiment, and learn about documenting a project, solving problems and communicating their solutions to their peers and members of the professional community. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists such as veterinarians, zoologists, livestock producers and industry personnel face in



their respective careers. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this lab science course are eligible for Dual Credit (college credit).

### **SC305 – Natural Resources and Ecology**

Grade: 11-12

Prerequisite: Ag Biology or Biology

Credit: 3rd Year Science, Lab Science, CTE, NCAA (1 year, 1 credit)

CTE Dual Credit: Wenatchee Valley College (3 Credits)

Students will be provided experiences within the fields of Natural Resources and Ecology by covering and exploring the following topics of: Biomes and Ecosystems, Soil, Water and Air, Energy, Flora and Fauna, Human Impact, Agriculture, Forestry and Mining, Multiple Use Resource Management, Sustainability, and Environmental Policies. Students will engage in inquiry-based activities, projects and problem solving to learn the concepts covered in these areas of study including soil science, water ecology, wildlife management, natural resource use and management, through classroom, lab and field experiences. An SAE project or research project are required in addition to daily classroom activities. Leadership activities are embedded into the curriculum throughout the year. Students in this lab science course are eligible for Dual Credit (college credit).

### **SC306 – Advanced Chemistry**

Grade 12, 1 year, 1 credit, offered zero period

Prerequisite: Algebra-Trig and Chemistry SC206 or Chemistry Honors SC209

Credit: Lab/Algebra based science, NCAA, Elective

Designed as a 2nd year chemistry course, advanced chemistry is a continuation of first year chemistry. Chemistry is a math intensive course and students should feel comfortable with advanced algebra skills. Topics covered include lab safety, measurements, problem solving, stoichiometry, chemical reactions, acids and bases, equilibrium, kinetic theory, solutions and colloids, colligative properties, oxidation-reduction, electrochemistry, and organic chemistry.

### **SC310 – Human Anatomy and Physiology**

Grade 10-12

Prerequisite: Biology

Credit: Lab Science, Elective, NCAA

This course offers an overview of the structure and function of the human body from the cellular level to the system. Emphasis will be placed upon the maintenance of homeostasis and development of disease. Students enrolled in this class should be prepared to participate in organ and organism dissection and the high degree of memorization that comes with an understanding of the human body.

### **SC312 – Aquatic Ecosystems**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Successful completion of Systems of the Earth & Biology

Credit: 3rd year, Science, Elective, NCAA

This course will cover fly fishing and the science behind it. Students will learn the fly cast and the physics involved in the cast. Numerous types of casts will be covered and analyzed. Students will learn about energy dissipation and conservation of momentum as it relates to the mechanics of casting. Students will learn how to tie flies. Flies will be constructed to cover a variety of trout food sources. Basic aquatic

Entomology will be covered so flies can be constructed to represent the different stages of the life cycles of insects trout feed on. During the process students will learn about nutrient cycling in aquatic systems; streams, rivers and lakes. Students will do water quality testing and sampling to observe what portions of each system will support which types of invertebrates. Morphology of lakes, streams and rivers will be studied as it relates to concentration of food sources and energy expenditure of fish to live in each type of water. Fishing strategies will be developed based on the areas fish inhabit in each type of aquatic system.

### **SC101 –Environmental Science**

Grade 11-12, 1 year, 1 credit

Prerequisite: Biology

Credit: Algebra based science, NCAA, Elective, CWU CiHS (ENST201 – both semesters required for CWU credit)

Environmental Science covers a wide range of environmental issues from a scientific perspective. Topics include: ecosystems, ecology, population, environmental geology, water resources, energy, water pollution, air pollution and climate change. Students will also study local environmental issues. The workload in Environmental Science is similar to Chemistry, but with less math and more reading and writing. Students will complete labs and fieldwork including several field trips. Students may take this class for college credit through CWU's college in the high school program.

### **SC400 - AP Computer Science Principles**

Grade 9-12, 1 year, 1 credit

Prerequisite: None

Credit: 3rd Year Science, 3rd Year Math, CTE, Elective

#### **\*\*Can count as 3rd year math or 3rd year science requirement\*\***

AP<sup>®</sup> Computer Science Principles is a course designed to teach students the basics of Computer Science concepts at an introductory level. The course will include exciting topics such as coding using Python, learning about Artificial Intelligence, Cybersecurity, the Internet, Cloud Computing, and the ethics in computing. Students will work on a program that will be turned in for AP credit, as well as prepare for the AP CS Principles exam. Students will have the opportunity to earn industry certification in Python to give them a competitive edge in our career – for FREE!

### **SC405- AP Computer Science A Java**

Grade: 10-12, 1 year, 1 credit

Prerequisite: AP Computer Science Principles

Credit: CTE, 3rd Year Science, 3rd year math

#### **\*\*Can count as your 3rd year math, senior math, or 3rd year science requirement\*\***

AP<sup>®</sup> Computer Science offers students the opportunity to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering using java, a popular industry programming language. You will learn how to apply programming tools and solve complex problems through hands-on experiences and examples. This course is meant to be the equivalent to a first-semester, college-level course in computer science, and will prepare you for the AP CS exam. You will also have the opportunity to earn an industry certificate in Java to give you a competitive edge in today's job market-- for FREE!

## **SPECIAL EDUCATION**

**Prerequisite** – Students must qualify for program placement under P.L.94-142/IDEA '97 and require “specialized direct instruction” in the subject area, as documented by the student’s Individualized Educational Plan (IEP), in order to register for Special Education classes.

### **SP104 – Freshman/Sophomore English Resource Room**

Grade: 9-10, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: English

Freshman & Sophomore standing in English. The curriculum supports the Washington State Common Core Standards. The course is designed to parallel general education Freshman English courses. Modifications in curriculum are designed to meet the goals and objectives in a student’s Individual Education Plan.

### **SP208 - Math Concepts**

Grade: 9-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: Math

Students in Math Concepts will review basic mathematical operations, concepts, and problem solving strategies. The Math Concepts course, designed for students receiving specially designed instruction in math, will use a variety of curriculum to help students meet their annual IEP math goals while covering Common Core State Standard math topics.

### **SP223 - Adaptive/Life Skills**

Grade 9-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Identified need for basic life skills and/or transition skills on evaluation for IEP.

This course of study is designed to provide instruction in such areas as self-care, community and personal safety, simple meal preparation, community awareness through outings to various businesses and services around town, health, and completing household tasks. Specially designed instruction to target individual learning needs will be provided.

### **SP224- Learning Support: Study Skills (SS)**

Grade 9-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: Elective

Instruction will be provided in the areas of organizational strategies, study strategies and test taking strategies related to improving success in academics. Prerequisite to enrollment is an identified need on evaluation and IEP. Specifically designed instruction to target individual learning needs will be provided.

**SP225- Learning Support: Social Thinking and Communication Skills (STCS)**

Grade 9-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: Elective

Instruction will be provided in social and behavior-related areas to increase positive behaviors related to improving success in school. Content to include, but not limited to, beginning social skills, focus on developing positive self-regard and regard for others, goal setting, planning skills, skills for dealing with feelings and stressors, anger management strategies, alternatives to aggression, conflict resolution and effective communication skills. Prerequisite to enrollment is an identified need on evaluation and IEP. Specifically designed instruction to target individual learning needs will be provided.

**SP226- Content Area Reading/Writing (CARW)**

Grade 9-12, 1 year, 1 credit

Prerequisite: IEP Placement

Credit: English, Elective, Requires Admin approval prior to enrollment.

Direct instruction in reading and writing skills focused on learning new content information and communicating written information. Students will apply learned skills and strategies to improve success in content area classes. This class is for students receiving specially designed instruction in reading and/or writing. Specially designed instruction will target individual student needs.

**SP227 – Functional Academics**

Grade 9-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: Granted on an individual basis

Students in functional academics will receive specially designed instruction in a one-on-one or small group setting as they work towards their IEP goals with integrated instruction in functional reading, writing, and mathematical skills. The instruction is focused within the functional context of home, school, work, and community environments. Concepts and skills that will be taught, but is not limited to, learning to follow directions/procedures, matching, understanding 1 to 1 correspondence, telling time, counting money, measuring, recognizing street symbols, and learning important sight words. Students will be placed in this class based on IEP determination.

**SP304 – Junior/Senior English Resource Room**

Grade: 11-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: English

Junior & Senior standing in English. The curriculum supports the Washington State Common Core Standards. The course is designed to parallel general education Junior English courses. Modification in curriculum are designed to meet the goals and objectives in a student's Individual Education Plan.

**SP400 - Vocational Training**

Grade 9-12, 1 year, 1 credit

Prerequisite: Identified need for basic life skills and/or transition skills on evaluation for IEP.

Credit: Granted on an individual basis

This course provides students an opportunity to explore and practice necessary skills needed for employment after high school. Students will work with a job coach or teacher at an on-campus or other school district site as determined by the IEP team.

**SP401 - Vocational Training**

Grade: 9-12, 1 year, 1 credit

Prerequisite: IEP Team Placement

Credit: Granted on an individual basis

This course provides students an opportunity to explore and practice skills needed for employment after high school. Students will work with a job coach, teacher or community agency in a placement at an off-campus site as determined by the IEP team.

**SP501 - BEST Program - Year 1**

Grade: 11-12, 1 Year, 1 Credit.

Prerequisite: IEP Team Placement

Students placed in 'The BEST (Bulldog Educational Student Transition) Program' will be determined by the IEP Team. This program is designed for adult students receiving specially designed instruction as they work towards their Transition Plan and IEP Goals. The program will be individualized depending on each individual's needs. Students will be, but not limited to, conducting career exploration activities, job shadows, interviewing career professionals, auditing college classes, and getting hands-on learning opportunities. Students and their families will also be encouraged to begin working with local/state disability and transition agencies.

**SP502 - BEST Program - Year 2**

Grade: 12, 1 Year, 1 Credit

Prerequisite: IEP Team Placement

Students placed in year 2 of this program will need to be agreed upon by the IEP Team. In year 2, the adult student learners will continue to work towards their IEP Transition Plan and Goals. Along with the activities explained in year 1, students will begin to narrow down their possible career path as they work on their High School and Beyond Plan. Some students will begin to volunteer at local businesses with guided help from district provided aids. Students will begin to work closely with their local/state agencies working with local/state disability and transition agencies.

**SP503 - BEST Program - Year 3**

Grade: 12, 1 Year, 1 Credit

Prerequisite: IEP Team Placement

Students placed in year 3 of this program will need to be agreed upon by the IEP Team. In year 3, the adult student learners will continue to work towards their IEP Transition Plan and Goals, advancing through their High School and Beyond Plan, and continuing to narrow down specific jobs and careers they will be pursuing upon graduation. Students will continue working with local/state disability and transition agencies to make sure supports are put in place for after graduation. Students will continue to receive one-on-one support at local job sites, with the goal of being trained well enough that they will no longer need support from district personnel.

**SP504 - BEST Program - Year 4**

Grade: 12, 1 Year, 1 Credit

Prerequisite: IEP Team Placement

Students placed in year 4 of this program will need to be agreed upon by the IEP Team. In this final year, the adult student learners will be working hard to master their final IEP Transition Plan and IEP goal. They will also be volunteering or potentially earning paid employment at local businesses. Depending on a number of factors, these students will be potentially training their younger peers on job sites. Students will be working closely with their DVR and or DDA case managers, and will develop a detailed fiscal plan for after graduation.

## **Skilled & Technical Science**

All classes satisfy the Career & Technical Education (CTE) requirement. Technology and Industry Education courses will help you develop skills for a career or for further post-secondary education.

### **IN105 – Photography I**

Grade 9-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

Dual Credit: Spokane Falls Community College (5 credits)

Photography I explores the creative and conceptual aspects of designing and producing digital imagery, graphics, and photography. Students study the techniques, genres, and styles from multiple mediums and forms. Topics may include aesthetic meaning, appreciation and analysis; composing, capturing, processing, and programming of imagery and graphical information; their transmission, distribution, and marketing; and contextual, cultural and historical aspects and considerations. Students in this course are eligible for Dual Credit (college credit) if they complete both Photography I & II.

### **IN106 - Photography II**

Grade 9-12

Prerequisite: Photography I

Credit: CTE, Art, Elective (1 semester, .5 credit)

Dual Credit: Spokane Falls Community College (5 credits)

This course will help the students advance their skills in the fundamentals of digital photography. Three areas of instruction will be emphasized: 1) how composition influences work, 2) how intention influences outcome and, 3) how to use photo-editing software to influence the message being sent to the audience. Students in this course are eligible for Dual Credit (college credit) if they complete both Photography I & II.

### **IN200 – Video Production I**

Grade: 9-12

Prerequisite: Photography I

Credit: CTE, Art, Elective (1 semester, .5 credit)

This course will help the students become well rounded in the fundamentals of video production. Various areas of instruction will be emphasized: computer basics, camera operation, formatting and scripting, digital and audio software applications, understanding/utilization of proper file formats, advanced digital/audio production processes, digital video editing, audio equipment, lighting equipment and techniques, camera angles and composition, and employment possibilities.

### **IN201 – Video Production II**

Grade: 10-12

Prerequisite: Video Production I

Credit: CTE, Art, Elective (1 semester, .5 credit)

This course is designed to provide students with the advanced knowledge and skills related to the video production industry. Includes instruction and hands-on assignments in the following areas: Camera operation, recording audio, lighting systems, pre-production, production, post production, visual effects and graphics and copyright laws.

**IN108 – Woodworking I**

Grade 9-12

Prerequisite: None

Credit: CTE, Art, Elective (1 semester, .5 credit)

Woodworking 1 is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary with a focus on the safe use and operation of hand tools, power tools, and woodworking machinery.

**IN109 - Woodworking II**

Grade 9-12

Prerequisite: Woodworking I

Credit: CTE, Art, Elective (1 semester, .5 credit)

This course is designed to build on the fundamentals and skills learned in Woodworking I. Students will expand their knowledge and experience through various projects, lessons and the principles of design with a focus on industry standards in associated career fields such as building/construction and composites/fabrication.

**IN120 – Computer Integrated Manufacturing (CIM)**

Grade: 10-12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, Elective

The first step in manufacturing a product or constructing a building is drafting a plan. In our Computer Integrated Manufacturing & Design program, students explore how engineers move ideas from inception to production. As they learn to compose technical drawings for everything from electronics to skyscrapers, students are introduced to the following skills, software and concepts: 1) Programming and Operating 3D printers, Laser Engravers, and CNC routers, 2) Drafting and designing with Autodesk® applications, including AutoCAD®, Inventor®, and Revit®, Corel Draw, Easel and Vcarve machining software, 3) Manual drawing with industry-standard tools, such as set squares, T-squares and protractors, and 4) Orthographic views, isometric drawings, geometric dimensioning and their real-world applications. Students hone their skills by designing and then producing three-dimensional models for machine parts, home additions, bridges and more. In the process, they learn to use 3D and wide-format printers, as well as common model-building materials like foam core, chipboard plywood and plastic.

## **STEM**

All classes satisfy the Career & Technical Education (CTE) requirement. Technology and Industry Education courses will help you develop skills for a career or for further post-secondary education.

### **IN120 – Computer Integrated Manufacturing (CIM)**

Grade: 10-12, 1 semester, .5 credit

Prerequisite: None

Credit: CTE, Elective

The first step in manufacturing a product or constructing a building is drafting a plan. In our Computer Integrated Manufacturing & Design program, students explore how engineers move ideas from inception to production. As they learn to compose technical drawings for everything from electronics to skyscrapers, students are introduced to the following skills, software and concepts: 1) Programming and Operating 3D printers, Laser Engravers, and CNC routers, 2) Drafting and designing with Autodesk® applications, including AutoCAD®, Inventor®, and Revit®, Corel Draw, Easel and Vcarve machining software, 3) Manual drawing with industry-standard tools, such as set squares, T-squares and protractors, and 4) Orthographic views, isometric drawings, geometric dimensioning and their real-world applications. Students hone their skills by designing and then producing three-dimensional models for machine parts, home additions, bridges and more. In the process, they learn to use 3D and wide-format printers, as well as common model-building materials like foam core, chipboard plywood and plastic.

### **MA113 – Applied Algebra**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Counselor/Teacher placement

Credit: Fulfills Algebra credit; may also satisfy 3rd year math requirement, CTE

The purpose of this course is to introduce students to new ways of interacting with algebraic and geometric concepts. Mathematical modeling is stressed as a methodology for approaching the solution to problems. Students will problem solve using equations, graphs and tables and investigate linear relationships. Reinforcement of topics from two-dimensional and three-dimensional geometry is integrated into this curriculum. This includes applications of area and perimeter, the Pythagorean Theorem and its applications, as well as geometric proportion. Finally, introductory instruction in the area of mathematical probability is provided to reinforce use of fractions and numerical modeling. Technology will be used to introduce and expand upon the areas of study listed above.

### **MA212 - Applied Geometry**

Grade: 10-12, 1 year, 1 credit

Prerequisite: Counselor/Teacher placement.

Credit: Fulfills Geometry credit; may also satisfy 3rd year math requirement, CTE

The purpose of this course is to enable students to further develop knowledge of algebraic, geometric, and statistical concepts through hands-on woodworking/construction activities. The course will include exploration of new concepts, core mathematical ideas, and real-world applications of mathematics, including those from occupational contexts.



## MISCELLANEOUS COURSES

### **CCR101 – Career and College Readiness**

Grade 9, 1 year, .5 credit

Prerequisite: 9th grade standing

Credit: Elective

Full year advisory period required for all 9th grade students. Students will be taught how to explore, plan and follow-through on post-secondary plans. Lessons will include goal setting, career research, academic improvement, career surveys, college research, and high school academic planning. Panel presentations from universities, community college and apprentice programs will be offered; a career and college fair will also be provided in the spring. Students will also develop and refine their High School and Beyond Plan which is a Washington State graduation requirement. The CCR advisory program is graded pass/no credit. Attendance and good faith student participation is expected.

### **CCR201 – Career and College Readiness**

Grade 10, 1 year, .5 credit

Prerequisite: 10th grade standing

Credit: Elective

Full year advisory period required for all 10th grade students. Students will be taught how to explore, plan and follow-through on post-secondary plans. Lessons will include goal setting, career research, academic improvement, career surveys, college research, and high school academic planning. Panel presentations from universities, community college and apprentice programs will be offered; a career and college fair will also be provided in the spring. Students will also develop and refine their High School and Beyond Plan which is a Washington State graduation requirement. The CCR advisory program is graded pass/no credit. Attendance and good faith student participation is expected.

### **CCR301 – Career and College Readiness**

Grade 11, 1 year, .5 credit

Prerequisite: 11th grade standing

Credit: Elective

Full year advisory period required for all 11th grade students; unless involved in Running Start. Students will be taught how to explore, plan and follow-through on post-secondary plans. Lessons will include goal setting, career research, academic improvement, career surveys, college research, and high school academic planning. Panel presentations from universities, community college and apprentice programs will be offered; a career and college fair will also be provided in the spring. Students will also develop and refine their High School and Beyond Plan which is a Washington State graduation requirement. The CCR advisory program is graded pass/no credit. Attendance and good faith student participation is expected.

**CCR401 – Career and College Readiness**

Grade 12, 1 year, .5 credit

Prerequisite: 12th grade standing

Credit: Elective

Full year advisory period required for all 12th grade students; unless involved in Running Start. Students will be taught how to explore, plan and follow-through on post-secondary plans. Lessons will include goal setting, career research, academic improvement, career surveys, college research, and high school academic planning. Panel presentations from universities, community college and apprentice programs will be offered; a career and college fair will also be provided in the spring. Students will be given guidance on the High School and Beyond Plan which is a Washington State graduation requirement (Running Start students are still responsible to complete the High School and Beyond Plan). The CCR advisory program is graded pass/no credit. Attendance and good faith student participation is expected.

**CCR501 ELD--Career and College Readiness**

Grades: 9-12, 1 year, .5 credit

Prerequisite: Student must qualify for ELD Services

Credit: Elective

Full year advisory period required for students who qualify for ELD services.

## REQUIRED CLASSES BY GRADUATION

Select courses that align with Ellensburg School District graduation requirements, college entrance requirements and student's individual goals based on the High School & Beyond Plan. Required classes by year are noted below – **ALL STUDENTS MUST ENROLL IN SIX (6) CLASSES PER SEMESTER.**

### **All ninth grade students (Class of 2027) must enroll in the following courses:**

- Freshman English (1.0 credit) or Freshman Honors English (1.0 credit)
- Math (1.0 credit)
- Systems of the Earth or Agricultural Science (1.0 credit)
- Health (0.5 credit)
- Career Choices (0.5 credit)
- Recommended classes: World Language, Career & Technical Ed. (CTE), Art
- PE

### **All tenth grade students (Class of 2026) must enroll in the following courses:**

- Sophomore English (1.0 credit), Sophomore Honors English (1.0 credit), or AP Language
- Math (1.0 credit)
- Biology or Agricultural Biology (1.0 credit)
- World History / AP World History (1.0 credit)
- Recommended classes: PE, World Language, CTE Art
- PE

### **All eleventh grade students (Class of 2025) must enroll in the following courses:**

- Junior Lit Comp or English alternative
- US History or AP History (1.0 credit)
- Math (1.0 credit)
- Consumer & Family Issues (0.5 credit) in 11 or 12
- Science (1.0 credit)
- Recommended classes: CTE, Art, World Language

### **All twelfth grade students (Class of 2024) must enroll in the following courses:**

- Consumer & Family Issues (0.5 credit) – if not taken in 11th grade
- World Affairs (0.5 credit), Civics (0.5 credit) or Social Studies alternative
- English (1.0 credit)
- Recommended classes: Science, Math, CTE, Art
- Other: successfully complete High School & Beyond Plan, all STATE mandated assessments, Job Shadow & Washington State History, if not already fulfilled.