

Selah High School

COURSE DESCRIPTIONS

2023-24

POWER OF WE



**PASSION AND PURPOSE
BE THE BEST YOU**

SELAH

HIGH SCHOOL

801 N. 1st Street, Selah, WA 98942

Dear Selah High School Students and Parents:

Welcome to the Selah School District—*Home of the Vikings!*

Our District is committed to achievement and its core purpose of ensuring high levels of learning for every student. Also, staff and students follow the *Viking Way*, a culture of achievement where the foundation of the District's beliefs emphasize that 1) every student is worthy and capable of making meaningful contributions to his or her communities, 2) strong character is at the heart of preparing our students for lifelong success, and 3) in a culture of excellence every student graduates on time prepared for college and career opportunities.

Our High School course catalog includes information about graduation, special programs, and course options at Selah High School. The wide range of courses available to our students reflects the District's commitment to provide a holistic experience where students achieve at a high level in preparation for post-secondary success. The course catalog enables students to capitalize on their strengths and interests when developing a comprehensive plan for a personalized learning experience across their high school career.

NOTE: Our schedule building process begins with students! Selah High School plans to offer all classes listed in the course catalog. However, if there is an insufficient number of student requests for a class, it may be necessary to cancel the class. Please remember that course requests generate the master schedule. Being accurate in your requests helps the counselors offer the classes in which our students show the most interest.

SELAH SCHOOL BOARD

Mr. Kevin McKay
Superintendent

Jeff Hartwick
President - Position 3

Jamie Morford
Vice President - Position 1

Joe Catron
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Sarah Michael
Board Member - Position 5

Dan Peters
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Student Representative

Indiana Hilmes
Student Representative

The Selah School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its program or activities and provides equal access to the Boy Scouts and other designated youth groups. The School District offers classes in many career and technical education program areas (provide a brief summary of program offerings) under its open admissions policy. For more information about CTE course offerings and admissions criteria, contact Jeff Cochran, 801 N. First St., 509.698.8511. Lack of English language proficiency will not be a barrier to admission and participation in career and technical education programs. The following people have been designated to handle inquiries regarding the nondiscrimination policies:

Chad Quigley
316 W. Naches Ave
509.698.8000
chadquigley@selahschools.org



Values-Behavior-Outcome

OUR VALUES DRIVE OUR BEHAVIOR. OUR BEHAVIOR DETERMINES THE OUTCOME. THIS IS THE VIKING WAY!
It spells out the standards for how we behave toward each other, our students, and our community.

Values	Behavior	Outcome
Power of We <i>We're better together</i>	<ul style="list-style-type: none"> • Acknowledge, encourage, and celebrate everyone's voice. • Invest the time to care, listen, and communicate with an open mind. • Be involved in activities beyond the classroom. 	We find fulfillment and joy being part of Selah High School. We can count on each other.
Purpose and Passion <i>Strive for excellence</i>	<ul style="list-style-type: none"> • Make choices aligned to your goals. • Be open to exploring and intentional in pursuing different avenues to identify or reinforce your purpose. 	We have a clear "why". We know where we are going.
Be the Best You <i>Leave things better than you found them</i>	<ul style="list-style-type: none"> • Be willing to get outside your comfort zone and take risks. • Embrace self-reflection and feedback from others to be better. • Do the right thing, especially when it is hard. 	We can do hard things. We are everyday learners. We have a strong and valued sense of self.



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I. GENERAL INFORMATION	

REGISTRATION INFORMATION

1. All courses are trimester courses and earn a .5 credit (except: College in the High School courses).
2. You will be choosing your classes for the next school year.
3. You will only choose classes. You will not be able to choose teachers.
4. All students must take 5 classes per trimester.
5. If teacher approval is required, email the teacher and copy your counselor on the email.
6. If you have failed or received an Incomplete in a required class, you may be scheduled into Viking Academy to complete/makeup the class.
7. Business TA's are available to Juniors and Seniors only.
8. Review your selections with parents/guardians during Spring Conferences.
9. All students interested in YV Tech or Running Start must meet with their counselor. This is available for **Juniors and Seniors Only**.
10. Students need to plan to stay in a sequential class. In special circumstances a note or phone call with parent permission will be required to drop the remainder of the sequences.
11. All students must be enrolled in five (5) periods per day. Waiver of the class load provision shall require compelling reasons which must include one or more of the following: 1. Supporting request from the attending physician. 2. Clear evidence that the request for limited class enrollment is not a matter of personal preference, and that the educational development of the student can be best met through a reduced program of classes. 3. Such waiver, when granted, shall be effective for one (1) trimester only.

ELECTIVE CHOICES

1. Plan your schedule carefully.
2. Choose your electives that fit within your pathway.
3. You may not receive your top elective choice because of class offering conflicts or conflicts in a core class. Therefore, choose alternates you would consider acceptable.
4. Students and parents need to know elective choice changes will be based on availability of class offerings.
5. The last day to change classes will be the 3rd day of the new trimester.



REQUIRED CLASSES FOR EACH GRADE LEVEL

Class of 2027

Freshman English A, B
Math A, B
Science A, B
Health
PE, PE
CTE 2 trimesters
Intro to Social Studies
High School Launch

Class of 2026

Sophomore English A, B
Math A, B
Science A, B (lab)
World History
Recommended-PE and 2 trimesters
of CTE

Class of 2025

American Literature A, B
Math A, B
U.S. History A, B
Science A, B

Class of 2024

Senior Eng A, Senior Eng Elective
Current World Problems
American Government/Civics
Graduation Launch

VIKING PATHWAYS & ADDITIONAL GRADUATION REQUIREMENTS

Choose 1 of the Pathways Below in addition to meeting the minimum Grad Requirements

- ✓ Computer Science
- ✓ Digital Media & Communication
- ✓ Health Science
- ✓ Engineering & Manufacturing
- ✓ Agricultural Science
- ✓ Early Childhood & K-12 Education,
- ✓ Marketing & Hospitality

<https://youtu.be/tBPNGeftuVM>

Minimum Grad Requirements

- ✓ Fifteen (15) hours of community service are required. These hours may start the summer before your senior year.
- ✓ Culminating presentation which includes the High School & Beyond Plan.
- ✓ Passage of state testing or alternate graduation pathways.
- ✓ Passage of Washington State History.
- ✓ To participate in Selah School District commencement exercises, students must meet the criteria for graduation prior to the date of the exercise and otherwise be in good standing with their school through the commencement date and have earned the required credits, or have met specific program requirements, will have the privilege of participating in graduation ceremonies.

MINIMUM HIGH SCHOOL GRADUATION REQUIREMENTS CLASS of 2024 AND BEYOND

- 4 credits of English
 - 3 credits of Math
 - 3 credits of Science, including at least 2 years of laboratory science
 - 3 credits of Social Studies
 - .5 credits of Health
 - .5 credits of Graduation Launch
 - 1.5 credits of Physical Education
 - 2 credits of Career Technical Education (CTE)
 - 2 credits of Fine, Visual, or Performing Arts (1 can be Personal Pathway Requirement)
 - 2 credits of World Language (2 can be Personal Pathway Requirement)
 - 5.5 credits of Electives
- 27 CREDITS REQUIRED TO GRADUATE**

WASHINGTON STATE MINIMUM 4-YEAR COLLEGE ADMISSIONS REQUIREMENTS

- 4 credits of English
- 3 credits of math - Algebra, Geometry, and Algebra 2
- Plus a senior year math-based quantitative class – this requirement can be fulfilled by:
 - *Taking 1 credit of Pre-Calculus prior to senior year or
 - *Taking 1 credit of a Math course during senior year or
 - *Taking an algebra-based science course (Chemistry or Physics) during the senior year
- 3 credits of science – 2 credits of lab science are required, including either Chemistry, Physics or Biology
- 3 credits of Social Studies
- 2 credits of the same World Language
- 1 credit of Fine Art

(PLEASE NOTE: STUDENTS ATTENDING AN OUT-OF-STATE COLLEGE NEED TO FOLLOW ADMISSION REQUIREMENTS FOR THAT SCHOOL AS REQUIREMENTS MAY BE DIFFERENT)

COLLEGE IN THE HIGH SCHOOL PROGRAM 2022-23 (CIH)

College in the High School classes provide highly motivated students the opportunity to experience college level rigor while in high school and receive both high school and college credit while staying at the high school. Students are encouraged to consider this opportunity while also being aware that the demands of these courses are at the college level. For the 2023-2024 school year Selah School District will pay for the first 10 credits of CIH classes over the course of a student's high school career. Additional funding is available for students who qualify for the free/reduced lunch program.

College courses are taught at a rigorous level requiring a higher level of commitments to work and moving at a faster pace. Students are required to spend more out of class preparing for in class participation than for typical coursework.

University of Washington - Cost \$66 per 1 credit plus \$45 registration fee (\$375 for 5 credits)

Psychology 101	PSYCH 101	5 credits	Tamblyn
Junior English	ENG 131	5 credits	Barnett
Senior English	ENG 111	5 credits	Thompson

Central Washington University - Cost \$60 per 1 credit (\$300 for 5 credits)

Functions & Reasoning	MATH 152	5 credits	Roberts
Pre-Calculus I	MATH 153	5 credits	Roberts
Pre-Calculus II	MATH 154	5 credits	Roberts
Calculus	MATH172	5 credits	Roberts
Calculus	MATH173	5 credits	Roberts
Physics I	PHYS 111	5 credits	Henry
Physics II	PHYS112	5 credits	Henry
Spanish 1 st yr.	SPAN 151	5 credits	Erickson
Spanish 2 nd yr.	SPAN 152	5 credits	Erickson
Spanish 3 rd yr.	SPAN 153	5 credits	Erickson
Careers in Education	EFC 250	4 credits	Brink
Drafting 2D	ETSC 160	5 credits	Anderson
Robotics	ETSC 277	4 credits	Anderson
Drafting 3D	ETSC 265	5 credits	Anderson
Woodworking II	ETSC 145	4 credits	Anderson

Eastern Washington University - Cost \$65 per 1 credit (\$325 per 5 credits)

Public Speaking	CMST 201	5 credits	Barnett
World History 1	HIST 105	5 credits	Dwyer
World History 2	HIST 106	5 credits	Dwyer
US History 2	HIST 112	5 credits	Tamblyn
Intro to US Politics	POLI 100	5 credits	Tamblyn
Philosophy	PHIL 211	5 credits	McClintick
Intro to Leadership	CMST 203	3 credits	Barnett

Please see full course descriptions and course prerequisites under specific departments



Running Start - Qualified juniors and seniors may test into the Running Start program. Students may attend college while still in high school. Tuition is paid, students are responsible for books and some fees. Please see your counselor for further details.

CTE Dual credits with YVC - Students that take specific Selah High School classes are able to earn credits through YVC at no cost.

<u>SHS Class</u>	<u>YVC Course</u>	<u>Credits</u>
Ag, Foods & Natural Resources	AG 101	1
Sports Medicine I	AH 119	5
Sports Medicine II	AH 119	5
Sports Med. I & II	AH 155	2
Gray's Anatomy	AH 110	5
Drafting 2D	Engineering 110	3
Drafting 3D	Engineering 112	3
Childcare Basics	ECED & 100	3
Intro Early Childhood Education	ECED & 105	5
Child Health Safety & Nutrition	ECED & 107	5
Teaching/Preschool Practicum	ECED & 120	2
Marketing: Shark Tank	BA 156	5

YAKIMA VALLEY TECHNICAL SKILLS CENTER (YV-TECH)

In cooperation with the Yakima School District, Selah students are able to participate in hands-on learning offered through YV-Tech. In order to participate in YV-Tech programs, students must provide their own transportation and attend either a morning or an afternoon session. Students will have 3 periods a day at YV-Tech and 2 at Selah High School. This opportunity may help figure out your career and life direction. As a YV-Tech student, you'll experience real world, hands-on training and academic learning to get ready for a career or further education.

YV-Tech is located at: 1120 S. 18th St. Yakima, WA

YV-TECH COURSES OFFERED (subject to change)

PROGRAM	AM	PM	EVENING
Aerial Systems Operation & Design	NOT OFFERED	12:00 - 2:30 PM	NOT OFFERED
Automation Technician	NOT OFFERED	12:00 - 2:30 PM	NOT OFFERED
Automotive Collision Repair	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Automotive Technology	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Business Administration	8:00 - 10:30 AM	NOT OFFERED	NOT OFFERED
Construction Trades	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Culinary Arts	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Cybersecurity	8:00 - 10:30 AM	NOT OFFERED	NOT OFFERED
Dental Assisting	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Electrician	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Emergency Medical Services	8:00 - 10:30 AM	NOT OFFERED	NOT OFFERED
Entertainment Media Productions	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Hospitality & Tourism Management	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Law Enforcement	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Nursing Assistant	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Physical Therapy Technician	8:00 - 10:30 AM	12:00 - 2:30 PM	NOT OFFERED
Pre-Medical Assistant	8:00 - 10:30 AM	NOT OFFERED	NOT OFFERED
Translation & Interpretation	NOT OFFERED	12:00 - 2:30 PM	NOT OFFERED
Cosmetology: Elite Academy (Off-Campus)	8:00 - 10:30 AM	12:00 - 2:30 PM	3 - 5:30 PM (M - F)

To register, talk to your counselor and fill out the online application at: <https://www.yvtech.com/enroll/>



II. COURSE OFFERINGS

ENGLISH

ENGLISH 9

ENG03/ENG04

Grade 9. 1 English Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This broad-based two-trimester course will examine a variety of genres while exploring what it means to "come of age." Students will learn argumentative and narrative skills by reading a variety of texts with a focus on improving analytical skills. They will refine these skills through a variety of projects throughout the course.

HONORS ENGLISH 9

ENG05/ENG06

Grade 9. 1 English Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This two-trimester course will focus on the essential works of the 9th-grade curriculum and more. Students will learn skills that will help prepare them for 10th Grade Pre-University English. Critical reading, literary analysis, and in-depth responses are expected. Course load will include work outside of class time.

ENGLISH 10

ENG13/ENG14

Grade 10. 1 English Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

Students focus their reading and assignments on several key themes such as decisions and identity, leadership, and equality. These themes will be explored through various short stories, novels, poetry, and drama. Students will continue to refine their skills in expository and persuasive writing, literary analysis, and research projects, based on common core standards and state reading and writing targets.

HONORS ENGLISH 10

ENG15/ENG16

Grade 10. 1 English Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This class is for students who are interested in attending a 4-year college after high school. This class focuses on the essential works in the sophomore curriculum such as short stories, non-fiction, essays, and poetry, but also expands areas of study to include more challenging works with common themes. Critical reading, literary analysis and more in-depth written responses are expected. This class is in preparation for college-level UW courses and fulfills the English 10 requirement while preparing students to do college level work.

ENGLISH 11: AMERICAN LITERATURE

ENG22/ENG23

Grade 11. 1 English Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This course is for juniors to refine and improve their language arts skills. They will be pushed to think critically by analyzing classic American Literature and informational texts. Students will engage in educational arguments both in writing and in verbal discussions. Assessments will be aligned with the English Language Arts Common Core Standards for Reading Literature and Informational Text, Writing, Language, and Speaking and Listening. Various reading and writing strategies will be incorporated into the lessons to assist students in their learning.



UW ENGLISH 131 PREP/UW ENGLISH 131***ENG24/ENG25**

Grade 11. 1 English Credit (2 Trimesters) **CIH: 5 Credits****Prerequisite:** Sophomore English**Fees/Costs:** College fees may apply

UWHS is what's known as a dual credit or concurrent enrollment program. In a dual credit program, students can earn high school and college credit at the same time. Description: Study and practice of good writing; topics derived from a variety of personal, academic, and public subjects, focused on 4 outcomes that include reading for rhetorical analysis, writing to synthesize a variety of complex texts, argument writing, and revision of writing. The course culminates in a Portfolio.

ENGLISH 12 A**ENG30**

Grade 12. .5 English Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

Required: This course is an overview of British Literature and the ideas we learn from the roots of the English language. We will cover ancient texts from early English, read Renaissance plays, and write a variety of texts to help us apply narratives and arguments to our own lives.

UW ENGLISH 111 PREP/UW ENGLISH 111**ENG34/ENG35**

Grade 12. 1 English Credit (2 Trimesters) **CIH: 5 Credits**

For students planning on attending 4 year Colleges/Universities

Prerequisite: None**Fees/Costs:** College fees may apply

This course is designed to engage students in critical reading and literature analysis. Students will consider the structure, meaning, and value of literary works and the time periods in which they were written. There will also be an emphasis on analytical and critical writing skills.

A minimum of 6 students are required for English 111 to be offered. In this writing course students work closely with their peers and instructor to develop a portfolio of writing that reflects an ability to write papers with complex claims that matter in academic contexts. The readings in this class focus on both literary texts and scholarship about literature. Please note: Students may take this course for high school credit, or the University of Washington credit.

SENIORS: MUST TAKE ENGLISH 12 A AND AN ENGLISH ELECTIVE. 10th & 11th GRADE MAY TAKE THESE AS ELECTIVE COURSES.

ENGLISH 12 B Suggested if attending a 4-year college**ENG33**

Grade 12. .5 English Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This is the second part of British Literature. Students will read a variety of literature from the enlightenment to the modern day, while developing their writing skills for personal, career and college life. If you have no preference for an elective, this is a great general class to take and ties in well with English 12A.

TRUE CRIME I**ENG43**

Grade 10-12. .5 English Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course is for those fascinated by the minds of the criminally disturbed and their followers. Texts will include articles, journals, novels and documentaries among others for the class to examine how the criminals committed their crimes and how they captivated the general public in both fear and amazement. The class will look at individual criminals (e.g., Ted Bundy and the Unibomber) as well as cult followings (e.g., JOnestown) in order to examine elements of argument and psychology that helped the criminals hold their audience captive, whether it be fear or devotion and fascination.

TRUE CRIME II**ENG50**

Grade 11-12. .5 English Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This True Crime class will focus on serial killers while True Crime I focusing on a wide variety of kinds of true crime.
(This is unclear)

Students will have one group project that includes selecting an unsolved crime and you and your group assemble all of the evidence and try to solve the crime.

YOUNG ADULT LITERATURE

ENG44

Grade 10-12. .5 English Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course explores a variety of modern and dystopian novels, short stories and plays that appeal to young adult readers. Students will study the elements of literature, hone their composition skills and explore themes that run throughout these stories of many cultures and experiences from recent times. This high-interest genre will be supplemented with film, art, and relevant informational texts to aid in inferences and analyses of the sociological impact dystopia has on society.

FILM STUDIES:” THE LANGUAGE OF FILM

ENG52

Grade 10-12. .5 English Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

A study into film creation, film analysis, and the scripts that writers and directors use to create film. This class will involve learning to “read” movies and to write about them. We will learn about the history of film, the hundreds of choices made by directors and production teams, and the art of appreciating nuance and literacy of the small and big screen alike.

CREATIVE WRITING

ENG40

Grade 10-12. .5 English Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Creative Writing is a course about developing our writing skills to be authors. The course allows for a wider variety of creativity while developing writing process and confidence. We will write poems, stories, outline novels, write scripts and plays, and brainstorm great ideas to set you with a future steeped in the power of the written word.

EWU PHILOSOPHY 211 - INTRODUCTION TO PHILOSOPHY

ENG51

Grades 10-12. .5 English Elective or History Elective Credit (1 Trimester) **CIH: 5 Credits**

Prerequisite: None

Fees/Costs: None

Intro to Philosophy: Philosophy is a course all about asking the big, unanswerable questions. This course surveys and studies the big questions of ancient philosophy including the foundational metaphysics of Greek and Asian philosophies. We'll also delve into logic - the study of how to think. Includes questions like, what is good thinking? Are we all dreaming and how do we know? How do we define the world around us? What is happiness and the meaning of life? And what makes life worth living?

The 2nd half of the trimester will explore medieval philosophy and ontology, which is the study of what it means to be a human, the idea of a soul, and some basic theology. We move on to questions of ethics and what it means to live a good life, including what knowledge is, nature vs nurture, and problems with trolleys. We'll wrap by looking at modern philosophy, existentialism, absurdity, nihilism and consider why pushing rocks is pointless or makes you superman.

EWU COMMUNICATIONS 201 - INTRO TO PUBLIC SPEAKING

ENG45

Grades 10-12. 1.0 English Elective Credit (1 Trimester) **CIH: 5 Credits**

Prerequisite: None

Fees/Costs: College fees may apply

This course is intended to provide you with a basic knowledge of public speaking and an arena in which to apply these skills. The goal of this course is to enable you to not only understand public speaking but to begin to develop your own skills. To accomplish this goal, you will be required to learn about public speaking, apply this knowledge by developing and presenting your own speeches, and critique both your own and others' speeches.

Required Textbook: [Public Speaking: The Virtual Text](#) This is a free open source textbook.

DRAMA**ENG46**

Grades 9-12. .5 English Elective or Fine Art Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course is a basic introduction to acting technique for the stage. It is designed to develop the ability to play dramatic action honestly and believably. Students will be introduced to basic theater vocabulary, stage locations, movements, vocal work, breathing exercises, monolog work, scene work, script writing, and acting technique. This is a performance based class.

SOCIAL MEDIA PUBLISHING**MKT14***Pathway: Marketing & Hospitality*

Grades 9-12. .5 English Elective or CTE Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This is a class driven by student experiences, student perspective, and student voice. You will get to write blogs or articles, create videos, or conduct interviews on people and topics you are interested in. Some of the topics will include school events, movie reviews, community events, personal interest areas, sporting events, and anything else the students are interested in. Some of the students' work will be published in the Viking Voice which is the voice of students in Selah High School.

MATH**ALGEBRA:****MTH07/MTH08/MTH09**

Grade 9. 1.5 Math Credit (3 Trimesters)

Prerequisite: None**Fees/Costs:** None

Algebra is a comprehensive, three-trimester course that is designed to solidify students' understanding of important mathematical concepts which include: Linear equations, Inequalities, systems of equations, functions, exponential functions, constructions, rigid transformations, congruence, and similarity. The completion of this course is a graduation requirement and required in order to move one to Geometry.

ALGEBRA: INTRODUCTION TO ENGINEERING AND DESIGN**STS05/STS06***Pathway: Engineering & Manufacturing*

Grades 9-12. 1 CTE or Math Credit (2 Trimesters)

Prerequisite: None**Fees/Costs:** None

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate their solutions to their peers and members of the community. Students will also be introduced to visual design concepts as it relates to sketching, design, and 3D modeling. This course is designed for 9th or 10th graders. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. If Intro to Engineering is taken, plus another engineering class, (10-12), it may count for a third year of elective math. <https://youtu.be/45gUtkgh0b8>

APPLIED GEOMETRY:**MTH36/MTH37**

Grade 10-12 1 CTE or Math Credit (2 Trimesters)

Prerequisite: Algebra A, Algebra B, Algebra C or Algebra Foundations**Fees/Costs:** None

This course is a hands-on, problem based learning Math class that focuses on relevant and enticing experiences related to key concepts in Geometry. This course will enhance problem solving and critical thinking skills. (2nd part of Algebra: Introduction to Engineering and Design)

GEOMETRY:**MTH10/MTH11**

Grade 10. 1 Math Credit (2 Trimesters)

Prerequisite: Algebra A, Algebra B, Algebra C or Algebra Foundations**Fees/Costs:** None

Geometry is a comprehensive, two-trimester course that is designed to solidify students' understanding of important mathematical concepts which include; Quadratic Functions, Right Triangle Trigonometry, Solid Geometry, Coordinate Geometry and Circles. This is a graduation requirement.

HONORS GEOMETRY:**MTH12/MTH13**

Grades 9-10. 1 Math Credit (2 Trimesters)

Prerequisite: Algebra

Fees/Costs: None

Honors Geometry is a comprehensive, two-trimester course that is designed to solidify students' understanding of important mathematical concepts which include; Quadratic Functions, Right Triangle Trigonometry, Solid Geometry, Coordinate Geometry and Circles.

GEOMETRY: VIDEO GAME DESIGN**MTH14/MTH15**

Pathway: Computer Science

Grades 10-12. 1 CTE or Geometry Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

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. Instruction will include an overview of 3D graphics, character development, 3D modeling, and music composition for your games. Industry software will be utilized, such as Unity, Blender, and FL Studio, to create simple games as individual and group projects.

ALGEBRA 2***MTH16/MTH17**

Grades 10-12. 1 Math Credit (2 Trimesters)

Prerequisite: Minimum C average in Geometry

Fees/Costs: None

This course extends the learning from Algebra and Geometry. Algebra 2 is recommended for students intending to continue into post-secondary education after high school. This course will cover and extend the following topics: Polynomials and Rational Functions, Complex Numbers and Rational Exponents, Exponential Functions and Equations, Transformations of Functions, and Trigonometric Functions. This is a prerequisite for Precalculus.

ADVANCED ALGEBRA 2***MTH18/MTH19**

Grades 10-12. 1 Math Credit (2 Trimesters)

Prerequisite: Honors Geometry with a B or better OR Geometry with an A and Geometry teacher recommendation. Must be willing to complete homework on time and study outside of class.

Fees/Costs: None

This course extends the learning from Algebra and Geometry. Algebra 2 is recommended for students intending to continue into post-secondary education after high school. This course will cover and extend the following topics: Polynomials and Rational Functions, Complex Numbers and Rational Exponents, Exponential Functions and Equations, Transformations of Functions, and Trigonometric Functions. This class is designed for the math/science oriented student who intends to take four years of high school mathematics. It will cover at a greater depth and an accelerated pace, the same topics as Algebra 2 with additional topics to be covered as time allows.

FUNCTIONS & REASONING 152* & CWU PRE-CALCULUS: 153 & 154***MTH22/MTH23/MTH24**

Grades 11-12. 1 Math Credit (3 Trimesters) **CIH:** 15 Credits

Prerequisite: Algebra II or Advanced Algebra II, passing with A-B average/and Algebra II teacher recommendation. Generally, 1 hour per day of studying and homework outside of class.

Fees/Costs: College fees may apply

This one-year course allows the student to obtain a thorough familiarity with functions and their graphs. Emphasis will be placed on rational, logarithmic, trigonometric and circular functions. Practical applications of these functions will be studied. This course is intended for the student who intends to take calculus and follow professions using calculus such as engineering, medical science, statistical analysis, architecture, and many other science related professions.

***(Math 153, Math 154 CWU Cornerstone College credit optional for this course-fee may be required.)**

CALCULUS PREP & CWU CALCULUS: 172 & 173***MTH25/MTH26/MTH27**

Grades 11-12. 1 Math Credit (3 Trimesters) **CIH:** 10 Credits

Prerequisite: Pre-Calculus, passing with A-B average, and Pre-Calculus teacher recommendation. Generally, 1 hour per day of studying and homework outside of class.

Fees/Costs: College fees may apply

This course is designed to teach the four major concepts to be mastered in the first course in calculus - limit, derivative, definite integral, and indefinite integral. It is for the upper ability math student who wishes to have an extensive background in mathematics in preparation for college. Upon successful completion of this course, each student will be prepared to take the College Board AB Advanced Placement Calculus Test.

***(Math 172 CWU and Math 173 CWU Cornerstone College credit optional for this course-fee may be required.)**

Students will not be allowed to take the same course twice for the mathematics graduation requirements. However, a student could retake a course and use the second credit as an elective.

MODELING OUR WORLD WITH MATHEMATICS*

MTH34/MTH35

Grades 11-12. 1 Math Credit (2 Trimesters)

Prerequisite: Geometry with a C- or better

Fees/Costs: None

This course is designed to follow Geometry. It provides an introduction to and some exploration of the following areas: finance, probability, statistics, and modeling (with graphing). It contains career-connected thematic units where students use high school mathematics to analyze everyday life and work.

BRIDGE TO COLLEGE MATH*

MTH30/MTH31

Grade 12 only. 1 Math Credit (2 Trimesters)

Prerequisite: Must have passed Algebra 1, Geometry and Algebra II or Modeling Our World

Fees/Costs: None

The course curriculum emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Common Core State Standards. Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. Students who earn a "B" or better in the Bridge Course are eligible to enter credit-bearing coursework in any of the State of Washington Community and Technical Colleges, or Eastern Washington University.

FINANCIAL ALGEBRA

MTH20/MTH21

Pathway: Marketing & Hospitality

Grades 11-12. 1 CTE or Math Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This is a "Real- World" math class. Topics covered include: Credit Cards, Buying a Car, Buying a House, Banking, Retirement, Taxes and Stock Market.

SOCIAL STUDIES/HISTORY

INTRO TO SOCIAL STUDIES

SS01

Grade 9. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Required Freshman History Credit

Intro to Social Studies asks the big questions about our Universe, our planet, life, and humanity. Explore 13.8 billion years of the past, but don't stop there. How does Big History help us understand our present and inform our future? Find answers to these questions and more as we explore what led to humanity's rise and dominance of planet Earth.

EWU HISTORY 105 & 106

SS03/SS04

Grade 10. 2 History Credit (2 Trimester) **CIH:** 10 Credits

Prerequisite: None

Fees/Costs: College fees may apply

105:This course presents the cultural, religious, military and political development of the near East and Europe from the classical period through the middle ages and renaissance. In particular, students will learn about the religious

contexts in which monotheisms emerged, the evolution of ancient city-states and empires, feudalism, and the emergence of monarchical states.

106: This course presents the political, social, cultural and economic developments of European civilization since the Protestant Reformation. In particular, students will learn about the industrial revolution, European imperialism, the World Wars, Globalization and the European Union project.

Recommended: 10th-grade class. Students who pay for the course and receive a C or better will earn 10 college credits from Eastern Washington University.

SOPHOMORES: CHOOSE ONE OF THE FOLLOWING FOR GRADUATION REQUIREMENT (you don't need to do this if taking EWU 105 & 106)

HOLOCAUST

SS21

Grade 10-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

The Holocaust serves as a pivotal moment in our history as a species. Violence and genocide have been commonplace throughout our early development as we formed civilizations and learned to coexist alongside one another. However, the world has never witnessed the round-up and systematic execution of millions of people on a scale exhibited by that of Adolf Hitler and Nazi Germany. This course will probe the origins of the hatred that fueled the Nazis to target European Jews and other ethnic minorities, the increasing tension and pressure felt by those people throughout the 1920s/30s, the cruel reality they experienced in the ghettos and concentration camps throughout WWII, and end with the resolution of the war, the liberation of those left in the camps, and the accountability of those who executed Hitler's final solution.

CONQUERORS & COMBATANTS

SS23

Grade 10-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

It's in Shakespeare. It's in Greek plays. It's in modern movies, and it's every society in history. It's murder. In this class we will look at the most infamous killing societies: Roman Gladiators, Aztec sacrifices, French Guillotines, and the Nazis. This study of the dark side of the past will help students gain a wider knowledge of history and a deeper understanding of what our culture shares with the past.

GREAT INVENTIONS

SS24

Grade 10-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

From the wheel and writing in Mesopotamia to paper and gunpowder in China, to the printing press in Europe, all the way to the Model T, computers and smartphones from North America, there are many inventions and innovations that have dramatically changed the world and our lives. In this course, we will explore some of the great inventions humans have created across the globe and how these inventions impact us today.

Cultural Explorations

SS24

Grade 10-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Whether you're traveling in Spain or in Latin America for business or pleasure, it's important to understand the culture, the behaviors, the values and morals of the people that live in that particular country. In this class, we'll study the customs, arts, holidays, and achievements of the people of Latin America and Spain. Class is taught in English.

EWU HISTORY 112

SS12

Grade 11. 1 History Credit (1 Trimester) **CIH:** 5 Credits

Prerequisite: None

Fees/Costs: College fees may apply

History 112: This course examines changes and continuities of modern American History from the Reconstruction era to the present day. This course includes a broad survey of unique features of the American Experience. Students will examine the origins and development of the American social, economic and political heritage on the domestic and

international scenes. Students who pay for the course and receive a C or better will earn 5 college credits from Eastern Washington University.

UNITED STATES HISTORY I	SS05
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Grade 11. .5 History Credit (1 Trimester) Required for Junior History Credit

Prerequisite: None

Fees/Costs: None

First trimester United States History reviews our country's history from imperialism through the Cold War (20th Century). Students will consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of our country from a variety of perspectives.

JUNIORS: CHOOSE ONE OF THE FOLLOWING FOR GRADUATION REQUIREMENTS IN ADDITION TO US HISTORY I	
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UNITED STATES HISTORY: AMERICA AT WAR	SS08
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Grade 11-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

United States History will complete the study of 20th Century American History. In addition, students will examine the cause and effect relationship of U.S. involvement in several major wars. In addition, students will learn how America's growing industry might help secure victories in the face of overwhelming odds, and how her determination to safeguard personal liberty, for all the world's citizens, has caused her to create and maintain the world's most advanced and best prepared military complex.

UNITED STATES HISTORY: THE NOTORIOUS AND INFAMOUS	SS06
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Grade 11-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

United States History will complete the study of 20th Century American History. Benedict Arnold, Al Capone, the Rosenberg's, Lee Harvey Oswald. Who were they? What impact did they have on U.S. History? In this class, students will examine these and other villains of America's past and explore the implications of their actions. The students will hypothesize how history may have been different if they would have never existed.

UNITED STATES HISTORY: AMERICAN WEST	SS09
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Grade 11-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

United States History will complete the study of 20th Century American History. This course will explore the development and unique culture of the American West. Students will examine the expansion of the United States, the people that traversed the landscape, the conflicts/wars that resulted from their movement, the Native American culture, and the outlaws and down-right lawlessness of the west.

UNITED STATES HISTORY: THE HISTORY OF HOLLYWOOD	SS07
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Grade 11-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

United States History will complete the study of 20th Century American History. In addition, this class emphasizes the impact of cinema on visually expressing events in American history. This class will encapsulate events seen in the beginning of our nation's history to its present status. Students analyze, synthesize and conclude on the effectiveness of the film's portrayal and the deeper understanding of the event and its place in American history.

UNITED STATES HISTORY: 21st CENTURY SPORTS	SS10
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Grade 11-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course will analyze the historical role that sports has played in American society. It will focus on the history of the specific sports, their players, teams, and rivalries but also their impact on American Culture. The course will analyze

the role that sports has played in promoting social changes with race and gender equality but also the controversies surrounding them. The course will evaluate the changes that American sports have seen in regulation because of breakthroughs in technology and science.

CURRENT WORLD PROBLEMS

SS14

Grade 12. .5 History Credit (1 Trimester) Required for Senior History Credit

Prerequisite: None

Fees/Costs: None

A one trimester class designed to acquaint students with current events of local, state, national and international interest. This course allows students to acquire key contemporary personalities and events that impact their lives. The course will cover various themes ranging from Globalization to global conflict to human rights and human environment interaction.

SENIORS: CHOOSE ONE OF THE FOLLOWING IN ADDITION TO CURRENT WORLD PROBLEMS

AMERICAN GOVERNMENT/CIVICS

SS15

Grade 12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

A one trimester class designed as a survey course on the structure, systems and political processes of the United States Government. Content will include factors that influence the U.S. government. The course prepares students to become responsible and aware members of American society. The course will include the following: Foundations of American Government, the power and function of the U.S. government, participation within a democracy, rights of the people and state government.

EWU POLITICAL SCIENCE 100

SS16

Grade 12. 1 History Credit (1 Trimester) **CIH:** 5 Credits

Prerequisite: None

Fees/Costs: College fees may apply

This course is about the American political system. Students will be able to evaluate the role of the American Government and its relationship to the concept of Liberty in a pluralistic society. The discussions will emphasize the changing political culture of American society and its effect on voting patterns, trends and the process of government. We will examine certain critical elections in American history as well as recent political movements. The main thrust of the course, however, is to be able to apply an understanding of our political system to contemporary events.

HISTORY ELECTIVES

PSYCHOLOGY

SS20

Grades 10-12. .5 History Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

A good course to take that will prepare you for UW Psych 101! Psychology is an academic course geared toward understanding Human Behavior. Students will examine the development of human behavior and how those concepts relate to them today. Students will analyze psychology as a science and explore the theories on why people behave and experience various phenomena. Possible topics will include: Adolescence, Altered States of Consciousness, Sensation, Perception, Learning, Memory and thought, Personality, Disorders, etc.

UW PSYCHOLOGY 101

SS25

Grades 10-12. .5 History Credit (1 Trimesters) **CIH:** 5 Credits

Prerequisite: None (recommend Psychology but not required)

Fees/Costs: College fees may apply

Psychology: UW in the High School is a one trimester college level psychology course. Students may take the course for high school or college credit at which a fee will be required in order to earn college credit. Students enrolled should be prepared for a college rigorous curriculum, so dedicated, conscientious students are needed. The course surveys

major areas of psychological science. Core topics include human social behavior, personality, psychological disorders and treatment, learning, memory, human development, biological influences, and research methods. The majority of college bound students will enroll in an introductory psychology course, so this course offers you a quick means of obtaining 5 college credits.

SCIENCE

PHYSICAL SCIENCE

SCI01/SCI02

Pathway: All pathways

Grade 9. 1 Lab Science Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This course includes material from all major sub-disciplines, with a strong emphasis on inquiry, reasoning, laboratory skills and social perspective. The integrated topics include content from chemistry, physics, earth and space science.

BIOLOGY: LIFE SCIENCE

SCI03/SCI04

Pathway: All pathways

Grade 10. 1 Lab Science Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This course is intended for all students — college prep and those completing graduation requirements. It is a multidisciplinary and inquiry-centered series. Students learn the concepts of science and the process scientists use to discover concepts. Students engage in activities that focus on physical, life, and Earth sciences. Topics studied in this rigorous and relevant course include force, motion and collisions, chemical reactions, genetics, DNA and protein synthesis, Earth systems, ecology and cellular biology.

MEDICAL SCIENCE FOUNDATIONS

HS13/HS14

Pathway: Health Science

Grades 9-10. 1 CTE or Lab Science Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

Medical Science Foundations explores several areas within biomedical science. Students will begin learning Medical Science in the context of forensics where they will integrate math, language arts, and science to solve murder mysteries, analyze evidence, and perform examinations. As they progress through the course, students will apply various methodologies that are used across several medical careers such as pathology, medical examination, and pharmacy. This introductory course will develop student skill in evaluating how systems at the cellular level relate to human body systems as preparation for the health science pathway. Finally, students will also explore different emerging areas of biotechnology and the ethical considerations surrounding health care.

HEALTHCARE CAREERS

HS12

Pathway: Health Science

Grades 9-12. .5 CTE or non-lab Science Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Introduction to Medical/Health Science Careers provides students the opportunity to explore a wide variety of careers in an assortment of medical/healthcare settings. The course is designed to provide students the chance to see if a career in medical/health science is right for them; and if they determine they have an interest, it can help them narrow down the possible careers they might consider. Students will participate in in-depth study and exposure to medical/health science careers, career planning, employability skills, basic terminology, ethics, wellness, disease and safety. Students will gain extensive hands-on experience much like those professionals do in the healthcare field.

INFECTIOUS DISEASE EPIDEMIOLOGY*

HS15

Pathway: Health Science

Grades 10-12. .5 non-lab Science, English or CTE Credit (1 Trimester)

Prerequisite: Healthcare Careers

Fees/Costs: None

Infectious disease epidemiology is the study of the incidence and spread of infectious diseases in populations over time. Students will learn medical terminology of several different infectious diseases, human body systems and medical professional careers in the fields of study. Host, pathogen and environmental factors are discovered through medical terminology infectious disease epidemiology. Students will create strategies to learn medical terminology principles, medical word building and medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology of infectious disease epidemiology through a study of root words, prefixes and suffixes. Students will learn how to communicate like a healthcare professional which is a significant stepping stone in the healthcare field.

GRAY'S ANATOMY (YVC AH 110)**HS07/HS08**

Pathway: Health Science

Grades 10-12. Lab Science or CTE Credit (2 Trimesters)

YVC Allied Health 110 - 5 Credits Available

Prerequisite: None

Fees/Costs: None

Gray's Anatomy is a top-notch medical drama created from the original book, *Gray's Anatomy* by Henry Gray. Become a Gray's Anatomy medical student through human body clay sculpting, solid organ dissections, cell and tissue pathology, forensic anthropology crime solving and model building challenges. Students of Gray's Anatomy design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Using project based labs students of Gray's Anatomy will learn human anatomy of body systems by exploring science in action and working through real world cases. The Gray's Anatomy textbook of human anatomy was written in 1858 using controversial human surgery and cadaver dissection. Discover how science has helped shape our past, present and future.

SPORTS MEDICINE I (YVC AH 119)***HS01/HS02**

Pathway: Health Science

Grades 10-12. 1 CTE or Lab Science Credit (2 Trimesters)

YVC Allied Health 119 - 5 Credits available

Prerequisite: Any health science class

Fees/Costs: None

Sports Medicine is a course designed for students who are interested in careers such as athletic training, physical therapy, medicine, nursing, fitness, physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine related fields. Sports Medicine is offered as a classroom and lab course; with a required after school component to provide students with an avenue through which to explore these fields of study. This course focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. The course includes class work and hands-on application. Students will learn to prevent, treat, and evaluate athletic injuries while maintaining professional records. Medical terminology is comprehensively required in this course. Students will be required to obtain hours at sporting events outside of class. (Alternatives to these hours are offered).

SPORTS MEDICINE II & SPORTS MEDICINE PRACTICUM (YVC AH 155)***HS03/HS04**

Pathway: Health Science

Grades 11-12. 1.5 CTE or Lab Science Credit (3 Trimesters -w/practicum as 3rd Trimester)

YVC Allied Health 155 - 5 Credits available

Prerequisite: Intro to Sports Medicine

Fees/Costs: None

This dynamic course will offer students an exciting opportunity to learn more about athletic training. This course will offer students an opportunity to gain a greater understanding of science, and the structure and function of the human body as it relates to injury and illness. Students will gain an understanding of health concepts familiar to all medical careers such as anatomy, physiology and kinesiology. This course will offer students an opportunity to integrate science, physical skill, clinical experience and job readiness skills. The main topics of study include; recognition of injury, prevention of injury, treatment, injury assessment, evaluation of injury, rehabilitation, emergency care, nutrition and psychological care. Athletic training skills will consist of evaluations, rehabilitation assignments, taping, wrapping, splinting and emergency procedures and dealing with special injury/illness conditions.

***If both Sports Medicine I and Sports Medicine II are taken - YVC Allied Health 155 - Additional 2 Credits are available.**

AGRICULTURE, FOODS AND NATURAL RESOURCES (YVC AG 101)*

AG03/AG04*Pathway: Agricultural Science*

Grades 9-10. 1 Lab Science or CTE Credit (2 Trimesters)

YVC AG 101 - 1 Credit Available

Prerequisite: None**Fees/Costs:** None

The major purpose is to introduce students to the world of agriculture, the pathways they may pursue, and the science, mathematics, reading, and writing components they will use throughout the CASE curriculum. Students participating in the course will experience hands-on activities and lab-science projects and problems that involve the study of the science of agriculture, plants, animals, natural resources, and agricultural mechanics. In addition, students will understand specific connections between their lessons and Supervised Agricultural Experience and FFA components that are important for the development of an informed agricultural education student. 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 are encouraged to join FFA.

BIOLOGY: PLANT SCIENCE

AG05/AG06*Pathway: Agricultural Science*

Grades 10-12. 1 CTE and Lab Science Credit (2 Trimesters)

Prerequisite: None**Fees/Costs:** None

This course is intended to serve as a second year course within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major science lab projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. This course will prepare students for portions of the state mandated science exam. Students are encouraged to join FFA.

BIOLOGY: ANIMAL SCIENCE

SCI12/SCI13*Pathway: Agricultural Science*

Grades 10-12. 1 CTE Credit or Lab Science Credit (2 Trimesters)

Prerequisite: None - Recommended to take Agriculture, Foods & Natural Resources**Fees/Costs:** None

Animal Science is a foundational level course where students explore the world of animal agriculture and develop a management guide for an animal of their choice. Areas of study include behavior, anatomy and physiology, nutrition, reproduction, genetics, health, selection, and marketing. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.

Students will complete 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. 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

INTRODUCTION TO CHEMISTRY*

SCI14*Pathway: Health Science, University Bound*

Grades 11-12. .5 Algebra based Lab Science Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

Intended for students who are in the Agricultural or Medical programs. Basic chemistry is addressed, such as, "What makes up an atom?" Other topics include how to make agricultural sprays, medicinal solutions, and why calcium chloride is used on roads instead of salt. The importance of electron transfer in both fields is discussed. The course includes laboratory experiments as well as lab safety and lab protocols.

CHEMISTRY*

SCI05/SCI06*Pathway: Health Science, University Bound*

Grades 11-12. 1 Algebra based Lab Science Credit (2 Trimesters)

Prerequisite: Algebra I and Physical Science or Intro to Chemistry

Fees/Costs: None

Chemistry is a college-prep course intended for students who will pursue careers in health, science or engineering (STEM fields). Topics include atomic structure, using the periodic table, ionic and covalent bonding, organic molecules, quantitative analysis of chemical reactions, thermodynamics, gas laws, solutions, equilibrium, kinetics, and nuclear chemistry. Students conduct numerous experiments and use computer technology to collect and analyze data.

PHYSICS - CWU PHYSICS 111 & 112*

SCI08/SCI09

Pathway: University Bound

Grades 11-12. 1 Algebra based Lab Science Credit (2 Trimesters) **CIH:** 10 Credits

Prerequisite: 1st year Algebra, Geometry and Integrated Life Science. Must be enrolled in Pre-Calculus to receive college credit.

Fees/Costs: College fees may apply

Physics provides vital background for any student pursuing a career in health, science or engineering (STEM fields). First trimester topics include force and motion, momentum and energy, circular and satellite motion and Einstein's special theory of relativity. Second trimester students explore the structure of matter, waves — sound and light, rotational mechanics Students conduct numerous experiments and often use computer technology to collect and analyze data.

*Juniors & Seniors may choose to earn Central Washington University credit for Physics. (Physics 111 for first trimester and Physics 112 for second trimester through either Running Start or CWU Cornerstone). **Prerequisite for Physics 111** is passing Precalculus with a C or higher or being concurrently enrolled in Pre-Calculus, or passing the APTP Test with a 150 or higher or scoring a 46 or higher on the Compass College Algebra Test 131 or higher on the Compass College Trigonometry test. Physics 111 is the prerequisite for Physics 112.

SCIENCE APPLICATION IN THE YAKIMA VALLEY

SCI15

Grades 11-12. .5 Science Elective Credit

Prerequisite: None

Fees/Costs: None

This course allows Selah High School students to work with a local scientist or someone in a STEM field. Students will research a topic, conduct an experiment alongside a professional in the industry, analyze their findings and present their findings. Students may need to leave campus to conduct their experiment and research so transportation is required along with recommendations from an advisor and/or science teachers. This course will allow students to understand how science can be applied after high school. Transportation required - students may need to leave campus during class to complete research.

CULINARY SCIENCE: BAKING & PASTRIES*

FCS09

Pathway: Marketing & Hospitality

Grades 10-12. .5 CTE or Lab Science Credit (1 Trimester)

Prerequisite: Culinary Adventures

Fees/Costs: None

In this advanced culinary course you'll expand on the ideas and concepts you worked with in Culinary Adventures. Our focus will be on baked goods and pastries. Work with artisan breads, laminated doughs, decorated layered cakes, tarts, and other fancy pastries. This class is for anyone interested in a career in Food Science, Dietetics, the Culinary or Hospitality Industry.

CULINARY SCIENCE: CATERING*

FCS08

Pathway: Marketing & Hospitality

Grades 10-12. .5 CTE or Lab Science Credit (1 Trimester)

Prerequisite: Culinary Adventures

Fees/Costs: None

This advanced culinary course will expand on ideas and concepts you worked with in Culinary Adventures. We'll start our own small business while exploring the science behind popular dishes and drinks. This class is for anyone interested in a career in Food Science, Dietetics, the Culinary or Hospitality Industry.

FORESTRY AND NATURAL RESOURCES

SCI10

Pathway: Agricultural Science

Grades 9-12. .5 CTE or non-lab Science Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This class is designed to introduce students to the Pacific Northwest forests ecology and land management strategies. This course will highlight the delicate balance between land preservation, industry, recreation, and cultural heritage. The topics covered include land management, natural resources, fire and fire prevention, data collection strategies, native wildlife/invasive species studies, plant and wildlife identification, and forestry careers and tools.

WORLD LANGUAGE

SPANISH I**FL10/FL11**

Grades 10-12. 1 Foreign Language Credit (2 Trimesters)

Prerequisite: Recommended A or B in your English course to enroll

Fees/Costs: None

This class is designed for students who are studying the Spanish language for the first time and assumes no prior knowledge of the topic. Our goal in the course is to develop proficiency in using Spanish for communication, with daily opportunities to develop listening, speaking, reading and writing skills. We will also explore the cultures of the Hispanic and Latino worlds.

CWU 151 SPANISH I***FL14/FL15**

Grades 9-11. 1 Foreign Language Credit (2 Trimesters) **CHI:** 5 Credits

Prerequisite: Recommended A or B in your English course to enroll

Fees/Costs: College fees may apply

This class is designed for students who are studying the Spanish language for the first time and assumes no prior knowledge of the topic. Our goal in the course is to develop proficiency in using Spanish for communication, with daily opportunities to develop listening, speaking, reading and writing skills. We will also explore the cultures of the Hispanic and Latino worlds. 5 college credits awarded upon successful completion.

SPANISH II***FL12/FL13**

Grades 10-12. 1 Foreign Language Credit (2 Trimesters)

Prerequisite: Spanish I or with Foreign Language instructor approval

Fees/Costs: None

There is greater emphasis on vocabulary development, grammar usage, reading, and writing. There is continued development of knowledge of the culture of Spanish-speaking people. This course is NOT a graduation requirement; however, it is required for entrance to most 4-year colleges and universities.

CWU 152 SPANISH II***FL22/FL23**

Grades 10-12. 1 Foreign Language Credit (2 Trimesters) **CHI:** 5 Credits

Prerequisite: CWU Spanish 151 or Spanish 1, with an A or B, and instructor approval

Fees/Costs: College fees may apply

Emphasis on grammar (present, past & future tenses), reading and writing, with a concerted effort on pronunciation and speaking at college-level expectations and pace. The culture of Spanish-speaking people are studied through the use of videos, discussions, and on-line resources.

CWU 153 SPANISH III***FL16/FL17**

Grades 11-12. 1 Foreign Language Credit (2 Trimesters) **CIH:** 5 Credits

Prerequisite: CWU Spanish 152

Fees/Costs: College fees may apply

Building on the knowledge and skills you acquired in Spanish 151 (or Spanish 1) and 152, this course will continue to develop your proficiency in using Spanish for communication. Spanish 153 will provide you with daily opportunities to develop your oral, listening, and writing skills, as we delve deeper into the Spanish language and the experiences of Spanish-speakers around the world. 5 college credits awarded upon successful completion.

SPANISH IV***FL18/FL19**

Grades 10-12. 1.0 Foreign Language Credit (2 Trimesters)

Prerequisite: Spanish III or Instructor Approval

Fees/Costs: None

Building on the knowledge and skills you acquired in Spanish I, II and III, this capstone course will help you to solidify your skills in using Spanish. Spanish 3 will provide you with daily opportunities to master oral, listening, and writing skills, as we delve deeper into the Spanish language and the cultures of Spanish-speakers around the world.

SPANISH MEDICAL TERMINOLOGY***FL21**

Pathway: Health Science

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Spanish I, Spanish II or CWU Spanish 151/152/153, STAMP or instructor permission

Fees/Costs: None

There is a great need for medical professionals who are bilingual in English and Spanish in the Yakima Valley and other Washington communities. An understanding of both languages when serving monolingual/bilingual patients is crucial to them receiving the right care at the right time, and you must be able to catch nuances and small differences in similar words or phrases. To be an effective medical professional, you need to fully understand the meaning of both common and uncommon words in English and Spanish languages. This course will serve as an introduction to effectively helping Spanish speakers to have their medical needs met by you when seeking care

SPANISH FOR CAREERS IN CONSTRUCTION & MANUFACTURING (not offered 2023-24)**STS15**

Pathway: Agriculture and Manufacturing Pathway

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Spanish I, Spanish II or CWU Spanish 151/152/153 or instructor permission

Fees/Costs: None

Spanish for a career in construction and in construction management. Spanish for a career in construction will be an instructional program that will prepare an individual with appropriate vocabulary and conversational strategies in the occupations of Carpentry, Electrical Wiring, Masonry, or Plumbing. Spanish for the construction field will be a basic course teaching fundamentals of vocabulary for safety, tools, math, and basic carpentry, electrical, masonry, and plumbing terminologies in Spanish.

AMERICAN SIGN LANGUAGE I**FL01/FL02**

Grades 10-11. 1 Foreign Language Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

American Sign Language I is a beginning course in American Sign Language, introducing students to the language and culture of the deaf. The course will provide insights into deaf cultural values, deaf attitudes, historical aspects of the language, and the deaf community. Two years of the same world language are required for college entrance and three years are recommended or required by some universities. College credit may be earned while taking this course. Studying a second language enhances overall student success on standardized exams. Suggested minimum 5 hours attending after hour events. Personal transportation would be required.

AMERICAN SIGN LANGUAGE II ***FL03/FL/04**

Grades 11-12. 1 Foreign Language Credit (2 Trimesters)

Prerequisite: ASL 1

Fees/Costs: None

This course is a continuation of American Sign Language II, focusing on the fundamental elements of ASL in a cultural context. Emphasis is placed on the progressive development of expressive and receptive skills. Upon completion, the students should be able to comprehend and respond with increasing accuracy to expressive ASL and demonstrate cultural awareness. **Required:** 5 hours attending community socials after school hours, personal transportation is required.

AMERICAN SIGN LANGUAGE III***FL05**

Grades 11-12. .5 Foreign Language Credit (1 Trimester)

Prerequisite: ASL 1 & 2

Fees/Costs: None

This course will develop student language skills necessary for proficiency and creative use of ASL. This course will enable students to participate in more in-depth conversations and creative narratives. The course will focus on greater expressive/receptive skills. **Required:** 5 hours attending community socials after school hours, personal transportation is required.

FINE ART

INTRO TO ART**FA20**

Grades 9-12. .5 Fine Art Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This class is required to take before all other art courses. This is an Introductory Art course for students with little or no art background. Students will learn about the Elements & Principles of Art and receive an introduction to basic Drawing & Painting techniques. Students will create 2D art using drawing pencils, pen & ink, colored pencils, oil pastels, india ink and tempera paint.

DRAWING***FA21**

Grades 9-12. .5 Fine Art Credit (1 Trimester)

Prerequisite: Intro to Art**Fees/Costs:** None

Students are required to take Intro to Art before they take this course. This is a more advanced art class for students with some artistic background and for students interested in improving their drawing skills. Students will explore and apply various drawing techniques and use a variety of drawing materials including drawing pencils, pen & ink, colored pencils, oil pastels and charcoal. Students are encouraged to make projects based on their own interests.

PAINTING***FA22**

Grades 9-12. .5 Fine Art Credit (1 Trimester)

Prerequisite: Intro to Art**Fees/Costs:** None

Students are required to take Intro to Art before they take this course. This is a more advanced art class for students with some artistic background and for students interested in improving their painting skills. Students will explore and apply various painting techniques and use a variety of painting materials including watercolor paint, tempera paint, and acrylic paint. Students are encouraged to make projects based on their own interests.

SCULPTURE***FA23**

Grades 9-12. .5 Fine Art Credit (1 Trimester)

Prerequisite: Intro to Art**Fees/Costs:** None

Students are required to take Intro to Art before they take this course. This is a more advanced art class for students with some artistic background and for students interested in learning about 3D sculpture. Students will explore and apply various sculpting techniques and use a variety of materials including paper, cardboard, wire, tinfoil, paper mache, plaster, and weaving/macrame. WE DO NOT USE CLAY IN THIS CLASS. Students are encouraged to make projects based on their own interests.

CERAMICS-POTTERY**FA27**

Grades 9-12. .5 Fine Art Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

Students will be introduced to building 3D sculptures with clay. Emphasis will be placed on the design elements of art. This course will focus on hand-building techniques with clay; pinch, coil, and slabs. Functional as well as sculptural applications will be explored. Students will be introduced to the craft of wheel-thrown pottery on a limited basis. Various glaze, decoration techniques for finishing work and kiln operations will be introduced.

DIGITAL ART**BUS01**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

Students will combine traditional art techniques with computer technology using Adobe Photoshop. Students will begin with the basics from photo restoration to photo manipulations and develop a portfolio of projects including greeting

cards, magazine cover and DVD cover. The tools available to students are digital cameras and scanners. The elements and principles of design as they relate to graphic art will be the major emphasis.

DIGITAL IMAGING: PHOTOGRAPHY***BUS02**

Pathway: *Digital Media & Communication*

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Intro to Digital Media

Fees/Costs: None

This trimester long course in digital photography introduces students to the Elements of Art and Principles of Design needed for creating photographs: including basic layout and design, color theory, shape, form, and composition. This course will familiarize the student with digital photographic equipment, software, materials, and methods through hands-on practice. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles.

DIGITAL IMAGING II: PHOTOGRAPHY***BUS22**

Pathway: *Digital Media & Communication*

Grades 10-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Digital Imaging I

Fees/Costs: None

This trimester long course in digital photography introduces students to Adobe Lightroom and Adobe Photoshop. This course will familiarize the student with the use of DSLR cameras and various lenses. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles.

MUSIC

CONCERT BAND**FA04/FA05/FA06**

Grades 9-12. 1.5 Fine Arts credit (3 Trimesters)

Prerequisites:

- 1) Previous successful participation in band the previous year (8th grade band)
- 2) Beginning students may register for Concert Band with permission from the director after completing basic competency during the summer with direction from the instructor.
- 3) This is a year-long class (3 trimesters)

Fees/Costs: None

Concert Band is open to band students grades 9-12. It is an extension of the instrumental program at the middle-level for the intermediate to advanced musician. Prior knowledge of music reading and instrument skills are required to participate in this group. At a minimum, the band will perform in 1-2 concerts each trimester, regional festivals/contests and students will have the opportunity to perform at solo and ensemble contests. This class is designed to enhance the musicians playing and students must show adequate progress; at home practice is necessary to fully enjoy this course. Several trips may be taken throughout the year. Members must expect after school hours performances.

Enrollment in Concert Band includes required participation in Pep Band and Marching Band. All performances must be attended for credit. Students are required to have an A.S.B. card to perform at our home football & basketball games.

Students may earn a school letter in Band (see Band syllabus for more information). This course, or Wind Ensemble, is a prerequisite for Jazz Band. This is a year-long course.

JAZZ BAND***FA01/FA02/FA03**

Grades 9-12. 1.5 Fine Arts credit. (3 Trimesters)

Prerequisites:

- 1) By Audition only.
- 2) All Jazz Band members must be enrolled in either Wind Ensemble or Concert Band. (exceptions: Bass, Piano, Guitar)
- 3) This is a year-long class (3 trimesters).
- 4) This class meets during Zero Period daily.

Fees/Costs: None

Instrumentation: piano, bass, drums, guitar, saxophones, trumpets, and trombones.

The Selah High School Jazz Band performs various styles of instrumental jazz music. These styles range from the blues, swing, Latin, funk, rock, and contemporary jazz. The ensemble performs in all trimester concerts, and at jazz festivals/contests, other special events, and may involve travel to out of town events. Jazz band may invite regional or national performing artists to perform with the group in concert. Attendance to all performances is required for credit. Students must show adequate progress; at home practice is necessary to fully enjoy this course. Members must expect after school hours performances. This is a year-long course.

WIND ENSEMBLE***FA07/FA08/FA09**

Grades 10-12. 1.5 Fine Arts credit (3 Trimesters)

Prerequisites:

- 1) By Audition only
- 2) This is a year-long class (3 Trimesters)

Fees/Costs: None

Wind Ensemble is an extension of the instrumental program for the more advanced musician and is open to 10-12 grade students, and by invitation only. Wind Ensemble is designed to enhance the musician's playing ability and students must show adequate progress; at home practice is necessary to fully enjoy this course. Wind Ensemble is a smaller musical group made up of more advanced musicians where more complex and complicated music is explored. Several trips may be taken throughout the year. This group may perform and travel a little more than the Concert Band. Members must expect after school hours performances.

Enrollment in Wind Ensemble includes participation in Pep Band and Marching Band. All performances must be attended for credit. Students are required to have an A.S.B. card to perform at our home football & basketball games. Students may earn a school letter in Band (see Band syllabus for more information). This course, or Concert Band, is a prerequisite for Jazz Band. This is a year-long course.

CONCERT CHOIR**FA11/FA12/FA13**

Grades 9-12. 1-1.5 Fine Arts credit (2 Trimesters or 3 Trimesters)

Prerequisite: None**Fees/Costs:** None

The Concert Choir is a non-auditioned large ensemble open to any Selah High School student. Previous singing experience is not required. Students will grow in musicality and understanding of the choral experience. Class focus is in the development of singing technique, music, ear training, sight-singing, and preparing music performances for the public and student body. The concert choir will perform in a variety of musical styles and will participate in trimester performances, festival/contests, and school events. Members must expect after school hours performances. Students are strongly encouraged to enroll in 2-3 trimesters to enjoy growth in their singing ability.

FITNESS/PHYSICAL EDUCATION

HEALTH**HEA01**

Grade 9. .5 Health Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

A one trimester required course for freshmen to practice communication skills and decision making for maintaining optimum health and to understand the relationship between physical health, mental health, fitness, substance abuse and wellness.

BASKETBALL & SPORTS CONDITIONING**PE16**

Grades 9-12. .5 P.E. Credit (1 Trimester) Offered 1st and 3rd Trimesters only

Prerequisite: None**Fees/Costs:** None

This course enhances the students' fundamental skills of basketball. This course is designed for the student who has a sound understanding of basketball. Basketball drills will be used to enhance passing, shooting, dribbling, positioning, rules, and game strategy. Emphasis is placed on team play, individual skill development and sport conditioning. Students will improve their knowledge and skill application through structured games and officiating during class. Students will also be tested on their physical fitness levels regularly using the Pacer Fitness Tests. Students are required to provide their own PE clothing and shoes.

YOGA & DANCE FITNESS

PE19

Grades 9-12. .5 P.E. Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course emphasizes proper warm up techniques and will utilize a variety of yoga and dance fitness workouts teaching students to develop and maintain variety and longevity for personal health and fitness. These fitness activities will include but are not limited to a variety of DVD yoga and dance activities and workouts, also instruction and practice on a variety of dance activities such as line dancing, Latin dancing, swing dancing, zumba, and ballroom dancing. Daily cardio increase will be expected, as well as opportunities to maintain and improve core and upper body strength. Fitness assessments will include Curl up and Push up tests, as well as monitoring heart rate increases via walking with hand weights. Students are expected to dress down daily, as in all PE classes. Students are required to provide their own PE clothing and shoes.

FULL BODY CONDITIONING

PE22

Grades 9-12. .5 P.E. Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

In this course, students will follow a comprehensive strength program 3 days a week and participate in full body weight and endurance training 2 days a week. While in class, the students will be learning the appropriate techniques for various lifts and will also participate in conditioning exercises designed to maximize their performance potential, giving students a foundation of fitness and allowing them to set personal strength and conditioning goals. The student will be assessed periodically during the trimester on the basic core lifts, as well as fitness activities to ensure personal goals are being reached. In addition to primary lifts including bench press, squats, and hang cleans, students will be taught a wide variety of alternative lifts as well as HIIT Training, TRX Training, endurance training, mobility improvement, and yoga. Students MUST be able to participate fully without restrictions. If a student has an issue that will restrict their ability to fully participate, they may need to switch classes. Students are required to provide their own PE clothing and shoes.

FITNESS ESSENTIALS

PE13

Grades 9-12. .5 P.E. Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course is designed for all levels of fitness. This class emphasizes proper warm up technique and will utilize a variety of fitness workouts teaching students to develop and maintain longevity for personal health and fitness. These fitness activities will include but are not limited to walking, jogging, mat work, jumping rope, fitness DVDs, yoga, dance fitness, stairs, and stationary bikes. The student will be required to test periodically during the trimester on Fitnessgram Pacer Cardio, Sit Up, and Push Up Tests, as well as other fitness-based activities to ensure personal goals for improvement are being reached. Balls and other sports equipment will rarely be utilized, with the emphasis and goal of improving overall physical fitness as well as developing a life-long habit of daily fitness activities. Students are required to provide their own PE clothing and shoes.

SPORTS & CONDITIONING

PE10

Grades 9-12. .5 P.E. Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course will include some sport-specific conditioning and the application of skills using team and individual sports activities. Sports activities are determined by the instructor and will be dependent upon scheduling and facilities. This class will also include a variety of aerobic fitness conditioning activities as well as some skill-related fitness activities including but not limited to videos, mat exercises, jogging, plyometrics, interval training, stairs, and stationary bikes. The student will be required to test periodically during the trimester on Fitnessgram Cardio, Sit Up, and Push Up Pacer Tests, as well as other fitness-based activities to ensure personal goals for improvement are being reached. Students are required to provide their own PE clothing and shoes.

STRENGTH & CONDITIONING

PE04

Grades 9-12 .5 P.E. Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

In this course, the student will follow a comprehensive strength and conditioning program. While in class, the students will be learning the appropriate techniques for various lifts and will also participate in conditioning exercises designed to maximize their performance potential, giving students a foundation of fitness and allowing them to set personal strength and conditioning goals. The student will be assessed periodically during the trimester on the basic core lifts, as well as fitness activities to ensure personal goals are being reached. Students are required to provide their own PE clothing and shoes.

III. CTE PATHWAYS

COMPUTER SCIENCE PATHWAY

At a time when computer science affects how we work and live, Computer Science empowers students to become creators, instead of merely consumers, of the technology all around them. The program’s interdisciplinary courses engage students in compelling, real-world challenges. As students work together to design solutions, they learn computational thinking – not just how to code –and become better thinkers and communicators. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

Pathway Specific Courses in This Sequence Include:

- **INTRO TO COMPUTER SCIENCE**
- **AP COMPUTER SCIENCE PRINCIPLES (23-24)**
- **AP COMPUTER SCIENCE WITH PYTHON (NOT OFFERED 23-24)**
- **GEOMETRY: VIDEO GAME DESIGN**
- **ADVANCED VIDEO GAME DESIGN WITH UNITY**
- **ROBOTICS I: VEX CWUSTS77**
- **ROBOTICS I: VEX**
- **ROBOTICS II: DRONES & AUTOMATION**



INTRO TO COMPUTER SCIENCE **BUS08/BUS09**

Pathway: Computer Science

Grades 9-12. 1 CTE Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

In the introductory course of Computer Science students learn the foundations of Computer Science and develop the programming know-how required to learn any programming language. Topics include: top down design and decomposition, control structures, variables, user input, Booleans, and much more. Students will use the coding and computer science program provided online to navigate through a series of learning “modules” including video tutorials, quizzes, example code, programming exercises, and programming challenges. Content is available entirely online through the web browser. <https://youtu.be/3E4mfVnEueo>

AP COMPUTER SCIENCE PRINCIPLES **(OFFERED 2023-24)** **BUS10/BUS11**

Pathway: Computer Science

Grades 10-12. 1 CTE or Algebra Credit (2 Trimesters)

Prerequisite: Experience in Computer Science

Fees/Costs: None

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and computer related careers. Computer Science Principles is a broad introduction to computer science. It's not about syntax, it's about creativity. Students will read about and understand how the Internet functions. By the time the course is over, they'll have several apps that wouldn't exist if it wasn't for their learning. Students will look at the world and think about things that are in their world in terms of data. They can actually understand how instructions are given to the computer. We go from talking about how the Internet travels and how computers started to where the first computer bug came from.

AP COMPUTER SCIENCE WITH PYTHON **(NOT OFFERED 2023-24)** **BUS12/BUS13**

Pathway: Computer Science

Grades 10-12. 1 CTE or Algebra Credit (2 Trimesters)

Prerequisite: Experience in Computer Science

Fees/Costs: None

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. The course will build off of content covered in previous Computer Science classes, and 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 a Microsoft Technology Associate certificate in Java to give you a competitive edge in today's job market -- for FREE! Required participation in the TSA Club.

GEOMETRY: VIDEO GAME DESIGN

MTH14/MTH15

Pathway: Computer Science

Grades 10-12. 1 CTE or Geometry Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

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. Instruction will include an overview of 3D graphics, character development, 3D modeling, and music composition for your games. Industry software will be utilized, such as Unity, Blender, and FL Studio, to create simple games as individual and group projects.

ADVANCED VIDEO GAME DESIGN WITH UNITY

BUS25

Pathway: Computer Science

Grades 11-12. .5 CTE Credit (1 Trimesters)

Prerequisite: Intro to Computer Science

Fees/Costs: None

This course will go through the development process of 3d video games. Starting with a game design document and progressing through the stages of video game development from level layout, asset utilization, physics adjustments and smart game layout/planning. Once the proficiency in Unity is achieved students will have the opportunity to port their game to a virtual reality headset. If you have always wanted to design your own 3d video game and just needed the time and resources this is the course for you.

ROBOTICS I: VEX

STS14

Pathway: Computer Science

Grades 9-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This is an introductory course into the world of robotics. Students will learn about robotics and programming through hands-on experiences and challenges using VEX robotics equipment. Students will learn how to problem solve and troubleshoot their robots, while working in teams. Additionally, students will experience the theory of force, work, rate, energy, power, and force transformers and how each applies to Robotics. Students will have an opportunity to participate in the Technology Student Association and compete on the robotics team. Competition teams will compete outside of school hours. <https://youtu.be/4VrgmLGSomk>

ROBOTICS I: VEX CWUSTS77

STS09

Pathway: Computer Science

Grades 9-12. .8 CTE Credit (1 Trimester) 4 College credit

Prerequisite: None

Fees/Costs: None

This is an introductory course into the world of robotics. Students will learn about robotics and programming through hands-on experiences and challenges using VEX robotics equipment. Students will learn how to problem solve and troubleshoot their robots, while working in teams. Additionally, students will experience the theory of force, work, rate, energy, power, and force transformers and how each applies to Robotics. Students will have an opportunity to participate in the Technology Student Association and compete on the robotics team. Competition teams will compete outside of school hours. <https://youtu.be/4VrgmLGSomk>

Pathway: Computer Science

Grades 11-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This trimester long course in Robotics expands the knowledge obtained in Intro to Robotics with Vex 5 based programming. Students learn to use visual identifications in mock factory line scenario similar to how assembly lines/shipping factories ship/sort products. The drones side of the course students will receive a TRUST certificate from the Federal Aviation Administration and learn associated altitude, flight and use restrictions of drones under varying conditions. Students will learn takeoff, landing, maneuvering, aerial photography/videography and using those skills to produce photogrammetrical products such as orthomosaic mapping, 3D rendering and surveying. Students will be exposed to industry practice through hands-on experiences in the classroom



DIGITAL MEDIA & COMMUNICATION PATHWAY

Creative students who see themselves designing, producing, exhibiting, performing, writing or publishing multimedia content will want to pursue courses in the Arts, A/V Technology and Communications Career Cluster. You will apply artistic talent to practical problems and learn visual arts principles that prepare you with skills and techniques to work in any number of creative design and entertainment fields. <https://youtu.be/0s2dMZzbVYs>

Pathway Specific Courses in This Sequence

Include:

- **MARKETING: SHARK TANK**
- **INTRO TO DIGITAL MEDIA**
- **DIGITAL ART**
- **VIDEO PRODUCTION I**
- **VIDEO PRODUCTION II**
- **DIGITAL IMAGING I: PHOTOGRAPHY**
- **DIGITAL IMAGING II: PHOTOGRAPHY**
- **INTRO TO ENTREPRENEURSHIP**
- **SPORTS & ENTERTAINMENT MARKETING**
- **DIGITAL PUBLICATION: YEARBOOK**
- **SOCIAL MEDIA PUBLISHING**

MARKETING: SHARK TANK (YVC BA 156)**BUS18**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE Credit (1 Trimester)

YVC Business Admin 156 - 5 Credits Available

Prerequisite: None

Fees/Costs: None

Do you like money? Do you want to be your own boss? Have you ever watched Shark Tank? Well this class is going to teach you the concepts and strategies you need to be successful using the TV series Shark Tank as a guide. You will learn about elements like promotion, pricing, selling, leadership, management, and other important factors that lead to success in the real world. Students will develop and market actual plans which you will then implement. Students will learn through doing team projects, having guest speakers, and working through case studies. This class is recommended for all students who are in DECA or would like to be in DECA.

INTRO TO DIGITAL MEDIA**BUS17**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE Credit (1 Trimester) or 0.5 Fine Art Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Class will focus on technology and exploring graphic arts, video editing, page layout, and photo editing. This portion will be project-focused which will allow students to collaborate in groups, learn to manage time, be creative, and expand their communication skills. The software that students will use include: Adobe Photoshop, Illustrator, Premiere Pro, After Effects, InDesign and Lightroom.

DIGITAL ART**BUS01**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Students will combine traditional art techniques with computer technology using Adobe Photoshop. Students will begin with the basics from photo restoration to photo manipulations and develop a portfolio of projects including greeting cards, magazine cover and DVD cover. The tools available to students are digital cameras and scanners. The elements and principles of design as they relate to graphic art will be the major emphasis.

VIDEO PRODUCTION I**BUS15**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Intro to Digital Media

Fees/Costs: None

Class will cover technical skills to produce videos as they relate to production. Students will create and produce short films in different subjects. Students will gain skills working with sound, lighting, camera operations, and studio/field productions. They will continue to develop their expertise in using Adobe Premiere Pro, After Effects and Photoshop. Required to attend outside school events.

VIDEO PRODUCTION II**BUS23**

Pathway: Digital Media & Communication

Grades 10-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Video Production I

Fees/Costs: None

This course will build on the technical skills established in Video Production I. Students will create high quality, creative promotions for the SSD and local businesses. Students will grow their skills in working with sound, lighting, camera operation and studio/field productions. Students will use Final Cut Pro and Adobe Premiere Pro.

DIGITAL IMAGING I: PHOTOGRAPHY***BUS02**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Intro to Digital Media

Fees/Costs: None

This trimester long course in digital photography introduces students to the Elements of Art and Principles of Design needed for creating photographs: including basic layout and design, color theory, shape, form, and composition. This course will familiarize the student with digital photographic equipment, software, materials, and methods through hands-on practice. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles.

DIGITAL IMAGING II: PHOTOGRAPHY***BUS22**

Pathway: Digital Media & Communication

Grades 10-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Digital Imaging I

Fees/Costs: None

This trimester long course in digital photography introduces students to Adobe Lightroom and Adobe Photoshop. This course will familiarize the student with the use of DSLR cameras and various lenses. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles.

INTRO TO ENTREPRENEURSHIP**BUS21**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This is an entry level class into the world that students will enter which is full of entrepreneurs. This will give students an opportunity to use their creativity to learn about the world of business. Students will learn about marketing strategies, types of businesses, how to make profits, and many other concepts. This class leads into the next level of entrepreneurship classes.

SPORTS & ENTERTAINMENT MARKETING**MKT15**

Pathway: Digital Media & Communication

Grades 9-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This class is recommended for those interested in the world of Sports and Entertainment. You will be learning about the decision making process of those businesses. This is highly recommended for those in DECA or interested in DECA. Some of the activities we will be focusing on are: Branding of Companies and Individuals, Simulations, Event Marketing and other hands-on projects.

DIGITAL PUBLISHING: YEARBOOK***BUS03/BUS04/BUS05**

Pathway: Digital Media & Communication

Grades 9-12. 1.5 CTE or Fine Art Credit (3 Trimesters, can be taken in 2)

Prerequisite: Intro to Digital Media, or Digital Art

Fees/Costs: None

Yearbook is an exciting class that provides a unique book into many careers in publishing, photography, sales, marketing, and the business structure by providing real-world work situations. Yearbook is designed to teach students how to manage time, prioritize responsibility, and meet deadlines. Students will learn sales and marketing techniques, the elements of yearbook layout, unity and design, use and operation of digital cameras and scanners, distinguish photo quality, write feature stories, captions, and headlines in alternative ways. Students will acquire new software skills by learning to use Adobe InDesign and Photoshop to layout their spreads and enhance and/or crop photos. After School events are required, (15 hours).

SOCIAL MEDIA PUBLISHING**MKT14/MKT26/MKT27**

Pathway: Digital Media & Communication

Grades 10-12. .5 English or CTE Credit (1 Trimester) Can be taken 1 or more trimesters

Prerequisite: None

Fees/Costs: None

This is a class driven by student experiences, student perspective, and student voice. You will get to write blogs or articles, create videos, or conduct interviews on people and topics you are interested in. Some of the topics will include school events, movie reviews, community events, personal interest areas, sporting events, and anything else the students are interested in. Some of the students' work will be published in the Viking Voice which is the voice of students in Selah High School.

HEALTH SCIENCE PATHWAY

Healthcare is the largest and fastest-growing industry in the United States. In the Biomedical Science pathway you can prepare for a career that promotes health, wellness and diagnosis, and treats injuries and diseases. Some careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. You could work in hospitals, medical or dental offices, laboratories, communities, medevac units, sports arenas or cruise ships. Students in health science learn and practice skills that prepare them for diverse post-high school education and training opportunities, from apprenticeships and two-year college programs to four-year college and graduate programs. <https://youtu.be/QbYYKpfBrZo>

Pathway Specific Courses in This Sequence

Include:

- **MEDICAL SCIENCE FOUNDATIONS**
- **GRAY'S ANATOMY**
- **SPORTS MEDICINE I**
- **SPORTS MEDICINE II & SPORTS MEDICINE PRACTICUM**
- **HEALTHCARE CAREERS**
- **INFECTIOUS DISEASE EPIDEMIOLOGY**
- **SPANISH MEDICAL TERMINOLOGY**

● HEALTH SCIENCE GRAD LAUNCH

MEDICAL SCIENCE FOUNDATIONS

HS13/HS14

Pathway: Health Science

Grades 9-10. 1 CTE or Lab Science Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

Medical Science Foundations explores several areas within biomedical science. Students will begin learning Medical Science in the context of forensics where they will integrate math, language arts, and science to solve murder mysteries, analyze evidence, and perform examinations. As they progress through the course, students will apply various methodologies that are used across several medical careers such as pathology, medical examination, and pharmacy. This introductory course will develop student skill in evaluating how systems at the cellular level relate to human body systems as preparation for the health science pathway. Finally, students will also explore different emerging areas of biotechnology and the ethical considerations surrounding health care.

GRAY'S ANATOMY (YVC AH 110)

HS07/HS08

Pathway: Health Science

Grades 10-12. Lab Science or CTE Credit (2 Trimesters)

YVC Allied Health 110 - 5 Credits Available

Prerequisite: None

Fees/Costs: None

Gray's Anatomy is a top-notch medical drama created from the original book, *Gray's Anatomy* by Henry Gray. Become a Gray's Anatomy medical student through human body clay sculpting, solid organ dissections, cell and tissue pathology, forensic anthropology crime solving and model building challenges. Students of Gray's Anatomy design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Using project based labs students of Gray's Anatomy will learn human anatomy of body systems by exploring science in action and working through real world cases. The Gray's Anatomy textbook of human anatomy was written in 1858 using controversial human surgery and cadaver dissection. Discover how science has helped shape our past, present and future.

SPORTS MEDICINE I (YVC AH 119)*

HS01/HS02

Pathway: Health Science

Grades 10-12. 1 CTE or Lab Science Credit (2 Trimesters)

YVC Allied Health 119 - 5 Credits available

Prerequisite: Any health science class

Fees/Costs: None

Sports Medicine is a course designed for students who are interested in careers such as athletic training, physical therapy, medicine, nursing, fitness, physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine related fields. Sports Medicine is offered as a classroom and lab course; with a required after school component to provide students with an avenue through which to explore these fields of study. This course focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. The course includes class work and hands-on application. Students will learn to prevent, treat, and evaluate athletic injuries while maintaining professional records. Medical terminology is comprehensively required in this course. Students will be required to obtain hours at sporting events outside of class. (Alternatives to these hours are offered).

SPORTS MEDICINE II & SPORTS MEDICINE PRACTICUM (YVC AH 155)**

HS03/HS04/HS09

Pathway: Health Science

Grades 11-12. 1.0 CTE or Lab Science Credit (2 Trimesters -w/practicum as 3rd Trimester)

YVC Allied Health 155 - 5 Credits available

Prerequisite: Sports Medicine I

Fees/Costs: None

This dynamic course will offer students an exciting opportunity to learn more about athletic training. This course will offer students an opportunity to gain a greater understanding of science, and the structure and function of the human body as it relates to injury and illness. Students will gain an understanding of health concepts familiar to all medical careers such as anatomy, physiology and kinesiology. This course will offer students an opportunity to integrate science, physical skill, clinical experience and job readiness skills. The main topics of study include; recognition of injury, prevention of injury, treatment, injury assessment, evaluation of injury, rehabilitation, emergency care, nutrition

and psychological care. Athletic training skills will consist of evaluations, rehabilitation assignments, taping, wrapping, splinting and emergency procedures and dealing with special injury/illness conditions.

***If both Sports Medicine I and Sports Medicine II are taken - YVC Allied Health 155 - Additional 2 Credits are available.**

HEALTHCARE CAREERS

HS12

Pathway: Health Science

Grades 9-12. .5 CTE or non-lab Science Credit

Prerequisite: None

Fees/Costs: None

Introduction to Medical/Health Science Careers provides students the opportunity to explore a wide variety of careers in an assortment of medical/healthcare settings. The course is designed to provide students the chance to see if a career in medical/health science is right for them; and if they determine they have an interest, it can help them narrow down the possible careers they might consider. Students will participate in in-depth study and exposure to medical/health science careers, career planning, employability skills, basic terminology, ethics, wellness, disease and safety. Students will gain extensive hands-on experience much like those professionals do in the healthcare field.



INFECTIOUS DISEASE EPIDEMIOLOGY*

HS15

Pathway: Health Science

Grades 10-12. .5 non-lab Science, English or CTE Credit (1 Trimester)

Prerequisite: Healthcare Careers

Fees/Costs: None

Infectious disease epidemiology is the study of the incidence and spread of infectious diseases in populations over time. Students will learn medical terminology of several different infectious diseases, human body systems and medical professional careers in the fields of study. Host, pathogen and environmental factors are discovered through medical terminology infectious disease epidemiology. Students will create strategies to learn medical terminology principles, medical word building and medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology of infectious disease epidemiology through a study of root words, prefixes and suffixes. Students will learn how to communicate like a healthcare professional which is a significant stepping stone in the healthcare field.

SPANISH MEDICAL TERMINOLOGY*

FL21

Pathway: Health Science

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Spanish I, Spanish II or CWU Spanish 151 or 152

Fees/Costs: None

There is a great need for medical professionals who are bilingual in English and Spanish in the Yakima Valley and other Washington communities. An understanding of both languages when serving monolingual/bilingual patients is crucial to them receiving the right care at the right time, and you must be able to catch nuances and small differences in similar words or phrases. To be an effective medical professional, you need to fully understand the meaning of both common and uncommon words in English and Spanish languages. This course will serve as an introduction to effectively helping Spanish speakers to have their medical needs met by you when seeking care.

HEALTH SCIENCES GRADUATION LAUNCH - SENIOR GRADUATION REQUIREMENT

HS16

Grade 12. .5 CTE Credit (1 Trimester)

Prerequisite: Completion of 3 Credits in HS pathway

Fees/Costs: None

Are you in the health science pathway? This class would cover graduation requirements that are currently in grad launch but then include important medical skills that could lead to medical certifications for students want to further their medical career post high school. This class will allow students to further explore the medical field, engage them in hands on lessons and labs and help them prepare for a future in the medical field.

This course is designed to help students organize and prepare for career success beyond high school. Students will address the required questions for the high school and beyond plan: Who am I? What can I become? How do I become that? Students will increase their self-awareness and their vision for their future. In the course, students will determine their connection to the world beyond high school. Communication, critical thinking, goal setting and

citizenship will be explored. Everyone will acknowledge their core values and apply those to their future choices. Each student will have a solid plan for what direction they are heading as an adult with steps outlined for achieving that goal.



Community Service Completion is required during the trimester enrolled in this class

ENGINEERING & MANUFACTURING PATHWAY

If you dream of designing, planning, managing, building or maintaining the structures where we live, work and play, then the Engineering and Agriculture Manufacturing pathway is for you. Are you interested in how products and machines come together? Do you care about the quality of materials and of workmanship? Then you should explore the Engineering and Agriculture Manufacturing pathway, which covers how industry and technology work together to make or package the things that we use or consume every day like cars, computers and food. Careers in this pathway offer exciting opportunities in designing and improving products, operating high-tech tools and machinery, analyzing problems and coming up with creative solutions, and working with both your hands and your mind.

<https://youtu.be/E36a-fdJLqA>

Pathway Specific Courses in This Sequence

Include:

INTRO TO ENGINEERING AND DESIGN ALGEBRA <https://youtu.be/45gUtkgh0b8>

ENGINEERING: DRAFTING 2D

ENGINEERING: DRAFTING 3D

MANUFACTURING: WOODWORKING I

MANUFACTURING: WOODWORKING II

CABINET MAKING & MILLWORK

AGRICULTURE I: METAL FABRICATION I

AGRICULTURE II: METAL MANUFACTURING (CORE PLUS)

CONSTRUCTION I; INTRO TO BUILDING CONSTRUCTION

CONSTRUCTION II CONSTRUCTION (CORE PLUS)

CONSTRUCTION III: ELECTRICAL

MECHANICS: POWER AND TECHNOLOGY

ROBOTICS I: VEX <https://youtu.be/4VrgmLGSomk>

CWUSTS277 ROBOTICS I

ROBOTICS II: DRONES AND AUTOMATION

COMPUTER INTEGRATED MANUFACTURING

SPANISH FOR CAREERS IN CONSTRUCTION & MANUFACTURING

ALGEBRA: INTRODUCTION TO ENGINEERING AND DESIGN

STS05/STS06

Pathway: Engineering & Manufacturing

Grades 9-12. 1 CTE or Math Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate their solutions to their peers and members of the community. Students will also be introduced to visual design concepts as it relates to sketching, design, and 3D modeling. This course is designed for 9th or 10th graders. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. If Intro to Engineering is taken, plus another engineering class, (10-12), it may count for a third year of elective math. <https://youtu.be/45gUtkgh0b8>

ENGINEERING: DRAFTING 2D CWU ESTC 160 (YVC ENGINEERING 110)

STS03

Pathway: Engineering & Manufacturing

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

YVC Engineering 110 - 3 Credits available

Prerequisite: None

Fees/Costs: College fees may apply

Students will explore career pathways in engineering, design, technology and drafting. This class will present the principles and concepts that Engineers and Design Professionals use to shape the world we live in today as well as the latest technology in CAD, (Computer Aided Design), and CAM, (Computer Aided Manufacturing). Using various CAD programs, students will have the opportunity to create models using various CAM machines including vinyl cutter, laser, router, and plasma torch. CWU credit available only if completed with Drafting 3D



ENGINEERING: DRAFTING 3D CWU ESTC 265 (YVC ENGINEERING 112)

STS04

Pathway: Engineering & Manufacturing

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

YVC Engineering 112 - 3 Credits available - CWU ETSC 160 - 5 Credits if completed with Drafting 2D

Prerequisite: None

Fees/Costs: None

Big problems deserve big solutions, exactly what you will have the time and capacity to pursue engineering. This course uses the computer to draft parametric models in three dimensions. By utilizing knowledge in 3D solid modeling as well as shop skills you will have the ability to tackle a major project that you will have considerable influence in selecting. The student will create 3-D models by extrusion, wire frames, 3-D surfaces and AME solids. CWU credit available only if completed with Drafting 2D

MANUFACTURING: WOODWORKING I*

STS01

Pathway: Engineering & Manufacturing

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

An excellent opportunity to learn project planning, to build small-scale, instructor selected woodshop projects, and to learn about general woodworking technology and safety. Students are responsible for material costs for their own projects.

MANUFACTURING: WOODWORKING II* CWU ETSC 145

STS02

Pathway: Engineering & Manufacturing

Grades 10-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Manufacturing: Woodworking I

Fees/Costs: None

This class provides an opportunity to build projects of your own design. Production and finishing are stressed. Safety is an integral part of instruction. Students are responsible for material cost for projects not assigned by the instructor.

CABINET MAKING & MILLWORK*

STS13

Pathway: Engineering & Manufacturing

Grades 11-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Manufacturing: Woodworking I & II (Teacher recommendation)

Fees/Costs: None

Cabinet making and millwork offers hands-on experience in carcass construction, shelving, partitions, face frames and the making of doors and drawers. Modern fabrication and construction techniques are discussed and utilized in the class using a Shopbot CNC Router and all traditional machining tools and methods.



AGRICULTURE I: METAL FABRICATION I
AG01

Pathway: Engineering & Manufacturing

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Course focuses on fabrication of raw metal into functional materials. Students are taught arc and oxygen-acetylene welding, plasma cutting, sheet metal, forging, milling, lathe work, wire feed welding and heat treatment techniques. This class includes basic power tool safety, measuring, arc welding, wire feed welding, & oxy-acetylene cutting. Once basic skills are learned, students move on to mild steel fabrication projects. All students will also design and fabricate metal art projects using SolidWorks and the plasma table. This class is open for students to take multiple years.

AGRICULTURE II: METAL MANUFACTURING (CORE PLUS)*
AG02

Pathway: Engineering & Manufacturing

Grades 10-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: Metal Fab I

Fees/Costs: None

This competency-based course provides serious students with entry-level skills in wood and metal fabrication for project construction. Other skills include oxy-acetylene welding and cutting, plasma cutting, gluing, and fastening woods. Students will receive instruction in safety, hand and power tool usage, planning, selecting materials, and usage related to the construction of items used in agriculture, shop, and home. Students will be using their own ideas and methods in the design and fabrication of a wood and/or metal project. Leadership will be taught through FFA related activities and students will plan for their Supervised Agriculture Experience (SAE) Project and maintain a project record book. These two components of agricultural instruction will be incorporated into the course grade.

CONSTRUCTION I: INTRO TO BUILDING CONSTRUCTION*
AG08

Pathway: Engineering & Manufacturing

Grades 9-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Fundamental construction techniques in framing, form building, roofing, drywall, joists and subfloor; safe use of hand and power tools; math computations; fundamental cement masonry theory, sub-grade and surface preparation methods, mixing and pouring concrete, and finishing and repairing techniques. Students also learn how to safely use a variety of equipment associated with this trade, and blueprint reading. Each area of study will pair with hands-on capstone projects to be built in the shop.

CONSTRUCTION II: CONSTRUCTION (CORE PLUS)*
AG09

Pathway: Engineering & Manufacturing

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Intro to Building Construction or Manufacturing Woodworking II

Fees/Costs: None

Prepares students to construct and maintain agricultural structures and equipment. Develops basic skills such as: tool identification, interpreting plans, calculating a bill of materials, electrification, carpentry, welding, metal fabrication, plumbing, and masonry. This class is primarily for juniors and seniors.

CONSTRUCTION III: ELECTRICAL***AG12**

Pathway: Engineering & Manufacturing

Grades 11-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course is designed to introduce students to electrical wiring and electronics used in equipment and structures. Students will perform basic installation, running of equipment and troubleshooting of the electrical and electronic systems on equipment and structures.

MECHANICS POWER & TECHNOLOGY**AG07**

Pathway: Engineering & Manufacturing

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course offers an intensive study of the operation, maintenance, and repair of small gasoline engines. Instructional topics include principles of operation of internal combustion engines, repair and service procedures, and disassembly, overhaul, and reassembly. Instruction may also include the operation of two-cycle and four-cycle engines commonly found on lawn mowers, garden tractors, snowmobiles, ATV's, snow blowers, rotary tillers, chainsaws, and other equipment. The course emphasizes leadership activities and opportunities to participate in FFA functions. This class is open for students to take multiple years. This class is primarily for juniors and seniors.

ROBOTICS I: VEX**STS14**

Pathway: Engineering & Manufacturing

Grades 9-12 .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This is an introductory course into the world of robotics. Students will learn about robotics and programming through hands-on experiences and challenges using VEX robotics equipment. Students will learn how to problem solve and troubleshoot their robots, while working in teams. Additionally, students will experience the theory of force, work, rate, energy, power, and force transformers and how each applies to Robotics. Students will have an opportunity to participate in the Technology Student Association and compete on the robotics team. Competition teams will compete outside of school hours. <https://youtu.be/4VrgmLGSomk>

ROBOTICS I: VEX CWUSTS77**STS09**

Pathway: Computer Science

Grades 9-12. .8 CTE Credit (1 Trimester) 4 College credit

Prerequisite: None

Fees/Costs: None

This is an introductory course into the world of robotics. Students will learn about robotics and programming through hands-on experiences and challenges using VEX robotics equipment. Students will learn how to problem solve and troubleshoot their robots, while working in teams. Additionally, students will experience the theory of force, work, rate, energy, power, and force transformers and how each applies to Robotics. Students will have an opportunity to participate in the Technology Student Association and compete on the robotics team. Competition teams will compete outside of school hours. <https://youtu.be/4VrgmLGSomk>

ECTS 277 ROBOTICS II: DRONES & AUTOMATION***STS12**

Pathway: Engineering & Manufacturing

Grades 11-12 .5 CTE Credit (1 Trimester)

Prerequisite: Robotics I

Fees/Costs: None

Welcome to Robotics II, this course is designed to be taken after you have previously taken Robotics I. This course will focus on expanding what you learned in the previous class. We will be working on current industry trends and practicing in the classroom. We will be working on remote piloting the Vex 5 robots from the previous class. Additionally, we are seeking to work on problem solving course issues and further modification of the Vex 5 robots to work on advanced movements and actions. This class will also have a focus on the engineering, movements, piloting and remote operation and programming of quadcopter drones that are used in industry applications. If you are looking for the next step in robotics and aerial operations for drones this is the class for you.

COMPUTER INTEGRATED MANUFACTURING*

STS10

Pathway: Engineering & Manufacturing

Grades 11-12. 1 CTE Credit (2 Trimesters)

Prerequisite: Intro to Engineering or Drafting 2D or Drafting 3D

Fees/Costs: None

Have you ever wondered how products are made? The truth is, manufactured items are a part of everyday life. This course illuminates the high-tech, innovative nature of the modern manufacturing world. Students will learn about the manufacturing process, product design, robotics, and automation. Students will get the chance to analyze, design, and build a product using the manufacturing process, all while honing their understanding of the design process. At the end of this course, students will engage in an open-ended design problem and build a manufacturing system. Computer Integrated Manufacturing is a high school level course that is appropriate for 11th or 12th grade students interested in manufacturing and automation.

SPANISH FOR CAREERS IN AGRICULTURE & MANUFACTURING (TO BE OFFERED IN 23-24)

STS15

Pathway: Health Science

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Spanish I, Spanish II or CWU Spanish 151/152/153 or instructor permission

Fees/Costs: None

Spanish for a career in construction and in construction management. Spanish for a career in construction will be an instructional program that will prepare an individual with appropriate vocabulary and conversational strategies in the occupations of Carpentry, Electrical Wiring, Masonry, or Plumbing. Spanish for the construction field will be a basic course teaching fundamentals of vocabulary for safety, tools, math, and basic carpentry, electrical, masonry, and plumbing terminologies in Spanish.

AGRICULTURAL SCIENCE PATHWAY

The Agriculture and Natural Resources sector is designed to provide a foundation in agriculture for all agriculture students. The pathways emphasize real-world, occupationally relevant experiences of significant scope and depth in Agricultural Business, Agricultural Food, Plant Science, Animal Science, Forestry and Natural Resources, and Environmental Chemistry. Integral components of classroom and laboratory instruction, supervised agricultural experience projects, and leadership and interpersonal skills development prepare students for continued training, advanced educational opportunities, or entry to a career.

Pathway Specific Courses in This Sequence

Include:

AGRICULTURE, FOODS, & NATURAL RESOURCES

FORESTRY & NATURAL RESOURCES

BIOLOGY: PLANT SCIENCE

BIOLOGY: ANIMAL SCIENCE

SPANISH FOR CAREERS IN CONSTRUCTION &

MANUFACTURING



INTRO AGRICULTURE, FOODS, AND NATURAL RESOURCES (YVC AG 101)

AG03/AG04

Pathway: Agricultural Science

Grades 9-10. 1 CTE or Lab Science Credit (2 Trimesters)

YVC AG 101 - 1 Credit Available

Prerequisite: None

Fees/Costs: None

The major purpose is to introduce students to the world of agriculture, the pathways they may pursue, and the science, mathematics, reading, and writing components they will use throughout the CASE curriculum. Students participating in

the course will experience hands-on activities and lab-science projects and problems that involve the study of the science of agriculture, plants, animals, natural resources, and agricultural mechanics. In addition, students will understand specific connections between their lessons and Supervised Agricultural Experience and FFA components that are important for the development of an informed agricultural education student. 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 are encouraged to join FFA.

FORESTRY & NATURAL RESOURCES**SCI10**

Pathway: Agricultural Science

Grades 9-12. .5 CTE or non-lab Science Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This class is designed to introduce students to the Pacific Northwest forests ecology and land management strategies. This course will highlight the delicate balance between land preservation, industry, recreation, and cultural heritage. The topics covered include land management, natural resources, fire and fire prevention, data collection strategies, native wildlife/invasive species studies, plant and wildlife identification, and forestry careers and tools.

BIOLOGY: PLANT SCIENCE**AG05/AG06**

Pathway: Engineering & Manufacturing

Grades 10-12. 1 CTE or Lab Science Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This course is intended to serve as a second year course within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major science lab projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. This course will prepare students for portions of the state mandated science exam. Students are encouraged to join FFA.

BIOLOGY: ANIMAL SCIENCE**SCI12/SCI13**

Pathway: Agricultural Science

Grades 10-12. 1 CTE or Lab Science Credit (2 Trimesters)

Prerequisite: None - Recommended to take Agriculture, Foods & Natural Resources

Fees/Costs: None

Animal Science is a foundational level course where students explore the world of animal agriculture and develop a management guide for an animal of their choice. Areas of study include behavior, anatomy and physiology, nutrition, reproduction, genetics, health, selection, and marketing. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.

Students will complete 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. 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.

SPANISH FOR CAREERS IN AGRICULTURE & MANUFACTURING**STS15**

Pathway: Health Science

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Spanish I, Spanish II or CWU Spanish 151/152/153 or instructor permission

Fees/Costs: None

Spanish for a career in construction and in construction management. Spanish for a career in construction will be an instructional program that will prepare an individual with appropriate vocabulary and conversational strategies in the occupations of Carpentry, Electrical Wiring, Masonry, or Plumbing. Spanish for the construction field will be a basic course teaching fundamentals of vocabulary for safety, tools, math, and basic carpentry, electrical, masonry, and plumbing terminologies in Spanish.

EARLY CHILDHOOD & K-12 EDUCATION PATHWAY

If you want to have a lifelong impact on others, then you will want to take a close look at the Education and Training Career Cluster. This family of classes and practical experiences develops the art of teaching, planning and administration in schools, colleges, technical institutes and businesses. Education is one of the basic rights of children in America, and states always need qualified teachers.

Pathway Specific Courses in This Sequence

Include:

- LIFE PREP
- CHILD PSYCHOLOGY
- CHILD DEVELOPMENT (EDUC &115)
- CAREERS IN EDUCATION I (CWU EFC 250)
- CAREERS IN EDUCATION II: PARAPROFESSIONAL CERTIFICATION
- CHILDCARE BASICS (YVC ECED 100)
- INTRO TO EARLY CHILDHOOD EDUCATION (YVC ECED &105)
- CHILD HEALTH, SAFETY & NUTRITION (YVC ECED &107)
- ECE//PRESCHOOL PRACTICUM (YVC ECED &120)
- HEALTH
- HIGH SCHOOL LAUNCH
- GRADUATION LAUNCH - SENIOR GRADUATION REQUIREMENT

If students complete all the classes in the ECE Pathway (Child Psychology, Childcare Basics, Child Health Safety and Nutrition, Introduction to Early Childhood Education and Teaching/Preschool Practicum they will not only earn a total of 15 credits but they will also earn their Initial Certificate in Early Childhood Education for the State of Washington. This not only gives students a jump start on earning their Associate Degree in ECE but also opens up job opportunities for them.

LIFE PREP

FCS10

Pathway: Early Childhood & K-12 Education

Grades 9-10. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course focuses on giving an introduction into the Family and Consumer Sciences (FCS) courses offered at Selah High School. Within this class we will explore the 5 major areas of FCS; Foods and Nutrition, Child Development, and Leadership. There will be a special emphasis on career and leadership skills and community service throughout the course. We will explore all of these topics with hands-on experiments and projects. Students will be encouraged to think critically and act creatively to explore course topics and their own interests.

CHILD PSYCHOLOGY

FCS03

Pathway: Early Childhood & K-12 Education

Grades 9-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

Child Psychology is a unique class at Selah High School. Students learn about child growth concepts and plan and run a three-week play school for preschool children from the community. This class brings to life child development knowledge and parenting skills to help students prepare for future roles as a parent, psychologist or any career that works with children including teaching. Areas of study include development of infants and preschool children, discipline and communication, bonding and attachment, child safety, neglect and child abuse, psychological studies affecting children, and planning and implementing a successful lesson for preschool age children. Any student can benefit from this class as it will help you understand and successfully interact with children.

CHILD DEVELOPMENT (EDUC & 115)

FCS20

Pathway: Early Childhood & K-12 Education

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Child Psychology

Fees/Costs: None

Do you want to work with children someday? Did you enjoy Child Psychology and want to dig deeper into why kids act and think in the ways that they do? This is the class for you! Build a functional understanding of the foundation of child development, prenatal to early adolescence. Observe and document physical, social, emotional, and cognitive development of children, reflective of cross-cultural and global perspectives. Expand your knowledge of children and how to work best with them.

CAREERS IN EDUCATION I (CWU EFC 250)***FCS05/FCS06***Pathway: Early Childhood & K-12 Education*Grades 10-12 1 CTE Credit (2 Trimesters) **CIH:** 4 Credits**Prerequisite:** Child Psychology**Fees/Costs:** College fees may apply

Do you think that you might want to work in education? If you are interested in teaching and you want to experience a career in education take Teaching Academy. In this course, students have the opportunity to explore the field of education through a combination of classroom instruction and placement in a Preschool-Middle School classroom. Students earn college credit and gain a jump start on university course requirements for education programs. This dynamic course is designed to give you valuable insight, knowledge, and skills needed to become a successful teacher. Any student considering a career in any level of education will greatly benefit from the hands-on experience and coursework that this class provides. This class is part of the College in the High School Program and earns college credit from Central Washington University. Students must be able to transport themselves to their placement school.

CAREERS IN EDUCATION II: PARAPROFESSIONAL CERTIFICATION**FCS17***Pathway: Early Childhood & K-12 Education*

Grades 12. 05 CTE Credit (1 Trimester)

Prerequisite: Careers in Education I**Fees/Costs:** None

Are you interested in a career in education? Would you like to be ready to be hired by our district after graduation? Come learn more about what it takes to be a paraprofessional and get the chance to job shadow in schools within our district. In addition to learning about the paraprofessional job, this class will help prepare you to take the Paraprofessional Certification test (ETS ParaPro) which can make you ready to be hired as a Para after you graduate. The test will be offered as part of the class and you will also receive interview prep skills. Students must be able to transport themselves to their placement school.

CHILDCARE BASICS (YVC ECED 100)***FCS04***Pathway: Early Childhood & K-12 Education*

Grades 10-12. .5 CTE Credit (1 Trimester)

YVC ECED & 100 - 3 Credits Available

Prerequisite: Child Psychology**Fees/Costs:** None

If you want a career working with small children or families, this is the class for you. Students taking this course will learn what it takes to work with children. As part of the class, students take the coursework offered at YVCC to become a Licensed Daycare Provider/Preschool Teacher in Washington State. Students have the opportunity to earn 3 college credits and Washington State Certificate for Licensed Child Care Provider. Students that take this class will be better prepared for any career that works with children, including education, social work, and childcare. Students that take this class can earn monetary awards from the state and will be certified to work in a daycare setting upon successful completion.

INTRO TO EARLY CHILDHOOD EDUCATION (YVC ECED 105)***FCS14***Pathway: Early Childhood & K-12 Education*

Grades 10-12. .5 CTE Credit (1 Trimester)

YVC ECED & 105 - 5 Credits Available

Prerequisite: Child Psychology**Fees/Costs:** None

Students will explore the foundations of early childhood education. They will examine theories defining the field, issues, trends, best practices, and program models. They will have the opportunity to observe children, professionals and programs in action. Students will also research play and guidance techniques for children. Introduction to Early Childhood Education is part of the College in the High School program and earns 5 college credits that can also be applied towards a Washington Early Childhood Education State Certificate.

CHILD HEALTH, SAFETY & NUTRITION (YVC ECED 107)****FCS13**

Pathway: Early Childhood & K-12 Education

Grades 10-12. .5 CTE Credit (1 Trimester)

YV ECED & 107 - 5 Credits Available

Prerequisite: Child Psychology**Fees/Costs:** None

Child Health Safety and Nutrition is designed to help students develop skills to keep children healthy and safe. Students will learn about health issues that affect children from birth to preschool while also learning how to promote wellness and nutrition to families. Students will also learn requirements of mandated reporting and childhood first aid. This class will also utilize the food lab hands on learning related to nutrition. This is a great class for anyone that wants to work in a field related to children or healthcare. Child Health Safety and Nutrition is part of the College in the High School program and earns 5 college credits that can also be applied towards a Washington Early Childhood Education State Certificate.

ECE/PRESCHOOL PRACTICUM (YVC ECED 120)****FCS15**

Pathway: Early Childhood & K-12 Education

Grades 11-12. .5 CTE Credit (1 Trimester)

YV ECED & 120 - 2 Credits Available

Prerequisite: Childcare Basics**Fees/Costs:** None

Early Childhood Practicum is designed to give students hands-on experience in working with children. Students will apply their knowledge of child development and guidance to a hands-on experience. Students will engage in establishing nurturing, supportive relationships with all children and professional peers. The focus will be on children's health and safety, promoting growth and development and creating a culturally responsive environment. Early childhood Practicum is part of the College in the High School program and earns 2 college credits that can also be applied towards a Washington Early Childhood Education State Certificate.



HEALTH**HEA1**

Pathway: Early Childhood & K-12 Education

Grade 9. .5 Health Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

A one trimester required course for freshmen to practice communication skills and decision making for maintaining optimum health and to understand the relationship between physical health, mental health, fitness, substance abuse and wellness.

HIGH SCHOOL LAUNCH**FCS18**

Pathway: Early Childhood & K-12 Education

Grade 9. .5 CTE Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This class is designed to assist students with developing their academic, personal, career and community skills for high school success and their future. Students will focus on student skills, career skills, health and wellness, and human relations in a hands-on learning environment.

GRADUATION LAUNCH - SENIOR GRADUATION REQUIREMENT**FCS12**

Pathway: Early Childhood & K-12 Education

Grade 12. .5 CTE Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course is designed to help students organize and prepare for career success beyond high school. Students will address the required questions for the high school and beyond plan: Who am I? What can I become? How do I

become that? Students will increase their self-awareness and their vision for their future. In the course, students will determine their connection to the world beyond high school. Communication, critical thinking, goal setting and citizenship will be explored. Everyone will acknowledge their core values and apply those to their future choices. Each student will have a solid plan for what direction they are heading as an adult with steps outlined for achieving that goal. Community Service Completion is required during the trimester enrolled in this class.

ECE/K-12 GRADUATION LAUNCH - SENIOR GRADUATION REQUIREMENT**FCS21**

Grade 12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This is a Grad Launch Course specially designed for students that have completed at least 4 of the classes in the ECE/K-12 Pathway. In this class you will meet graduation requirements covered in Grad Launch while maintaining a focus on preparing for career and college opportunities related to the pathway. Additional opportunities for leadership and experiences with children will be integrated into this course as well as interactions with district staff and current college level ECE/K-12 Education students.

This course is designed to help students organize and prepare for career success beyond high school. Students will address the required questions for the high school and beyond plan: Who am I? What can I become? How do I become that? Students will increase their self-awareness and their vision for their future. In the course, students will determine their connection to the world beyond high school. Communication, critical thinking, goal setting and citizenship will be explored. Everyone will acknowledge their core values and apply those to their future choices. Each student will have a solid plan for what direction they are heading as an adult with steps outlined for achieving that goal. Community Service Completion is required during the trimester enrolled in this class

MARKETING & HOSPITALITY PATHWAY

Are you interested in owning your own business? Maybe you are interested in doing the marketing for an international company or catering business. In this pathway you will learn how to utilize professional business practices, market yourself and businesses, manage events, provide catering and food services and many other career focused skills. You'll grow your skill set in order to fit whatever future career you're after. If you're interested in a fast paced, fun, and people-focused pathway, this is the place for you!

Pathway Specific Courses in This Sequence

Include:

- **BUSINESS LAW**
- **FINANCIAL ALGEBRA**
- **RETAIL STORE MANAGEMENT: THOR'S**
- **CULINARY ADVENTURES**
- **CULINARY SCIENCE: CATERING**
- **CULINARY SCIENCE: BAKING & PASTRIES**
- **INTRO TO ENTREPRENEURSHIP**
- **SPORTS & ENTERTAINMENT MARKETING**
- **WORK SITE LEARNING**
- **MARKETING: SHARK TANK**
- **EVENT MANAGEMENT**
- **SOCIAL MEDIA PUBLISHING**

BUSINESS LAW**BUS16**

Pathway: Marketing & Hospitality

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This is a must take class if you are interested in law or politics. Students will engage in a wide-range of activities including: Learning the Legal System, Debate, Mock Trial, and Understanding Individual Rights

FINANCIAL ALGEBRA**MTH20/MTH21**

Pathway: Marketing & Hospitality

Grades 11-12. 1 CTE or Math Credit (2 Trimesters)

Prerequisite: None

Fees/Costs: None

This is a “Real- World” math class. Topics covered include: Credit Cards, Buying a Car, Buying a House, Banking, Retirement, Taxes and Stock Market.

RETAIL STORE MANAGEMENT: THOR’S

MKT16/MKT18

Pathway: Marketing & Hospitality

Grades 10-12. .5 CTE Credit (1 Trimester)

Prerequisite: Instructor’s approval

Fees/Costs: None

Students will get experience in running a store. They will learn about customer service, sales, promotion, inventory, new products, and keeping a fun yet productive working atmosphere. Students will work some volleyball and/or basketball games outside of class.

CULINARY ADVENTURES*

FCS07

Pathway: Marketing & Hospitality

Grades 9-12. .5 CTE (1 Trimester)

Prerequisite: None

Fees/Costs: None

Are you a “Foodie”? Culinary Adventures focuses on basic cooking skills and terminology with nutrition concepts incorporated into a lab setting. By the time we’re done you’ll be ready to cook for your family or seek a beginning level job in the foodservice industry. Units may include Safety and Sanitation, Quick and Healthy Meals, Desserts to Die For, Sauces Galore, Baking up a Storm, Main Dish Cooking, Appealing Appetizers, and Properly Cook Your Proteins. This class may be taken one Time!

CULINARY SCIENCE: BAKING & PASTRIES*

FCS09

Pathway: Marketing & Hospitality

Grades 10-12. .5 CTE or Lab Science Credit (1 Trimester)

Prerequisite: Culinary Adventures

Fees/Costs: None

In this advanced culinary course you’ll expand on the ideas and concepts you worked with in Culinary Adventures. Our focus will be on baked goods and pastries. Work with artisan breads, laminated doughs, decorated layered cakes, tarts, and other fancy pastries. This class is for anyone interested in a career in Food Science, Dietetics, the Culinary or Hospitality Industry.



CULINARY SCIENCE: CATERING*

FCS08

Pathway: Marketing & Hospitality

Grades 10-12. .5 CTE or Lab Science Credit (1 Trimester)

Prerequisite: Culinary Adventures

Fees/Costs: None

This advanced culinary course will expand on ideas and concepts you worked with in Culinary Adventures. We’ll start our own small business while exploring the science behind popular dishes and drinks. This class is for anyone interested in a career in Food Science, Dietetics, the Culinary or Hospitality Industry.

INTRO TO ENTREPRENEURSHIP

BUS21

Pathway: Marketing & Hospitality

Grades 9-12. .5 CTE Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This is an entry level class into the world that students will enter which is full of entrepreneurs. This will give students an opportunity to use their creativity to learn about the world of business. Students will learn about marketing strategies, types of businesses, how to make profits, and many other concepts. This class leads into the next level of entrepreneurship classes.

SPORTS & ENTERTAINMENT MARKETING**MKT15**

Pathway: Marketing & Hospitality

Grades 9-12 .5 CTE Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This class is recommended for those interested in the world of Sports and Entertainment. You will be learning about the decision making process of those businesses. This is highly recommended for those in DECA or interested in DECA. Some of the activities we will be focusing on are: Branding of Companies and Individuals, Simulations, Event Marketing and other hands-on projects.

WORK SITE LEARNING**MKT19/MKT20/MKT21**

Pathway: Marketing & Hospitality

Grade - must be at least 16 yrs old. .5 CTE Credit - Based off hours worked (1 Trimester)

Prerequisite: Mus at least 16 years of age**Fees/Costs:** None

Worksite Learning (WSL) is a learning experience where students practice in the community the skills and knowledge learned in the classroom. This is done through student employment, based on hours worked, learning objectives and employer evaluations.

To participate, students must be at least 16 years old, be employed (working at least 14 hours/week) and have passed or be currently enrolled in a Career and Technical Education (CTE) class.

Must meet with Worksite Learning Coordinator

MARKETING: SHARK TANK (YVC BA 156)**BUS18**

Pathway: Marketing & Hospitality

Grades 9-12. .5 CTE Credit (1 Trimester)

YVC Business Admin 156 - 5 Credits Available

Prerequisite: None**Fees/Costs:** None

Do you like money? Do you want to be your own boss? Have you ever watched Shark Tank? Well this class is going to teach you the concepts and strategies you need to be successful using the TV series Shark Tank as a guide. You will learn about elements like promotion, pricing, selling, leadership, management, and other important factors that lead to success in the real world. Students will develop and market actual plans which you will then implement. Students will learn through doing team projects, having guest speakers, and working through case studies. This class is recommended for all students who are in DECA or would like to be in DECA.

EVENT MANAGEMENT**FCS01**

Pathway: Marketing & Hospitality

Grades 9-12. .5 CTE or Fine Art Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

This course focuses on the planning, coordinating and implementing events in your life, school and community. Students will have fun while putting real-life skills into practice. Students will experience the exciting world of event planning from creation to completion. This is an excellent opportunity to make a difference while gaining skills to be successful in any career. You will get to use different forms of media, communicate effectively and perform in front of others. Students will be required to participate in evening events as part of this class to experience all aspects of the event planning process. Students are required to attend evening school events that the course sponsors. Students must have transportation to the events.

SOCIAL MEDIA PUBLISHING**MKT14/MKT26/MKT27**

Pathway: Marketing & Hospitality

Grades 10-12. .5 English Elective or CTE Credit (1 Trimester)

Prerequisite: None**Fees/Costs:** None

In this class you will learn about different social media platforms and how they are used to market products, services, businesses, and people. This class will have you analyze different social media marketing campaigns and evaluate the effectiveness in a hands on, project focused way. You will also learn business concepts of identifying target

audiences, understanding product trends, learning about data analysis, and using your creativity to implement a social media marketing campaign.



OTHER ELECTIVE OPTIONS

EVENT MANAGEMENT FCS01

Grades 9-12. .5 CTE or FINE ARTS Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course focuses on the planning, coordinating and implementing events in your life, school and community. Students will have fun while putting real-life skills into practice. Students will experience the exciting world of event planning from creation to completion. This is an excellent opportunity to make a difference while gaining skills to be successful in any career. You will get to use different forms of media, communicate effectively and perform in front of others. Students will be required to participate in evening events as part of this class to experience all aspects of the event planning process. Students are required to attend evening school events that the course sponsors. Students must have transportation to the events.

EWU COMMUNICATIONS 203 - INTRO TO LEADERSHIP FCS19

Grades 10-12. .6 Elective Credit (1 Trimester) **CIH:** 3 Credits

Prerequisite: None

Fees/Costs: College fees may apply

This course is an introduction to leadership skills, and is designed to develop and enhance those skills within students. Focus areas include communication, teamwork, decision-making, problem-solving, innovation and impact. Students will practice and apply their skills by putting leadership into action in order to improve the overall school culture and climate on our school campus.

LEADERSHIP IN ATHLETICS ELE01

Grades 10-12. .5 Elective Credit (1 Trimester)

Prerequisite: None

Fees/Costs: None

This course will provide an overview of many different approaches based on a comprehensive review of the literature related to sport leadership. The primary goals of this course is to help current and aspiring sport leaders gain a better understanding of effective leadership, to provide the necessary tools in developing effective leaders, and to provide networking opportunities for individuals who share similar goals and aspirations across various domains. The leadership principles may be beneficial to individuals in a variety of settings.



IV. SELAH HIGH SCHOOL CLUBS

ASB

Advisor: Mrs. McCartney

Costs/Fees: None

The Associated Student Body provides students with the opportunity to make decisions for their school. Meetings on Tues. mornings @ 7:10 am. All official *ASB clubs must send a representative. Everyone is welcome.

ART CLUB

Advisor: Mrs. Eckert

Costs/Fees: None

Studying the various forms of art and participating in creating works of art, this group is a fun way to learn and produce.

ASL

Advisor: Mr. Gallegos

Costs/Fees: None

Practicing skills learned in a classroom setting and applying them to real life.

BAND

Advisor: Mr. Madsen

Costs/Fees: None

Advanced musicians combine and compete across the state.

CHEER

Coach: Alisha Treat

Costs/Fees: None

SHS cheerleaders are the best! If you want to join a family and support our school, athletic teams and compete at multiple levels, come join our team!

CLUB MED

Advisor: Ms. Peart & Mrs. Gamache

Costs/Fees: None

Club med offers an exploration of a variety of careers and components in the medical field. Students in this club complete several community service projects, including hosting a Blood Drive and Be the Match donor registration. Students will also have the opportunity to compete in the HOSA (future health professionals) state competition.

DANCE/DRILL

Coach: Shawna Treat

Costs/Fees: None

This activity requires a lot of commitment. Try-out are held in the Spring. This group has fun performing and competing.

DECA/THORS

Advisor: Mr. Benjamin

Costs/Fees: None

An association of Marketing students. This organization is a must for anyone interested in pursuing a career in business/marketing, or even owning their own business. Competitions at multiple levels build business and marketing skills.

DRAMA

Advisor: Mrs. Jochen

Costs/Fees: None

Come join the fun and act your way to fame! The Selah Players would love to have you join their team.

FFA

Advisor: Mr. Watkins, Ms. Parks & Mr. Burger

Costs/Fees: None

The US Dept. of Education provides leadership and helps set the direction for FFA. This is a service and local agricultural program. (www.ffa.org)

FCCLA

Advisors: Mrs. Brink & Ms. Uceny

Costs/Fees: None

Family Career and Community Leaders of America. This is a club dedicated to community service, fundraising and projects that are used to compete at state and national levels. Meetings are Thurs. mornings at 7:15 in room 216.

IMPROV CLUB

Advisor: Ms. Alkharanda

Costs/Fees: None

Students play games and act out scenes where the characters, dialogue and plot are made up on the spot. It is a great way to meet people, have fun, and step outside your comfort zone in a low-risk environment. Meetings are in room 253 after school on Fridays.

KNOWLEDGE BOWL

Advisor: Mr. Dwyer

Costs/Fees: None

This is an inter-school academic competition involving all nine education service districts & regions in our state.

MEChA

Advisor: Mr. Gudino

Costs/Fees: None

Members of MEChA are dedicated to promoting unity and respect for each other, regardless of faith, gender, sexuality, political party, ethnic background or culture.

NHS

Advisor: Mrs. Gamache & Ms. Peart

Costs/Fees: None

National Honor Society provides opportunities for student leaders to get involved in the community. This club not only helps students learn real-life leadership skills, but also helps the community see value in the program and builds stronger bonds between students and communities.

SENIOR CLASS

Advisor: Mrs. McCartney

Costs/Fees: None

This is a great way for seniors to get involved in decisions relating directly to them. This club coordinates Prom, graduation and senior fundraisers. Meetings are held Wednesday mornings at 7:15. Sign up to become a member. Seniors only!

SHS ENVIRONMENTALISTS

Advisor: Mr. Dwyer

Costs/Fees: None

We are the SHS Environmental Club, and our goals are to increase awareness of environmental issues, help students to become better stewards of the environment and to make Selah a model high school for environmentally sustainable practices. We also look for community service opportunities that help lead to a better environment.

SKILLS USA

Advisor: Mrs. McCartney & Mr. Rockenbach

Costs/Fees: None

This club empowers members to become world-class workers, leaders and responsible American citizens. This exciting organization offers a chance to become involved in school & community, compete, travel and earn scholarships and internships.

TSA

Advisors: Mr. Anderson & Mr. Alvarez

Costs/Fees: None

The Technological Student Association helps students learn about how to improve their life and work skills while working in this exciting new club. Compete at multiple levels in robotics and other technology.

VARIETY GAME CLUB

Advisors: Mrs. Brink & Mrs. Garretson

Costs/Fees: None

Meet once a week to play video/board games, compete and meet new people who also enjoy playing games.

VIKING EXPLORERS

Advisor: Mr. Dwyer

Costs/Fees: None

Students who fundraise to travel the world and learn about different cultures.

YEARBOOK

Advisor: Mr. Alvarez

Costs/Fees: None

This class/club is dedicated to the construction of the SHS yearbook. Here, you can make your own layouts for pages and take pictures of school activities. This is a great way to practice your photography skills!!

YOUNG LIFE

Advisor: Mr. Maier

Costs/Fees: None

We meet once a week to introduce and encourage students in their faith. It is a great community of friends and fun. We also take kids to YL camp every summer. www.younglife.org



COUNSELOR CONTACT INFORMATION

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