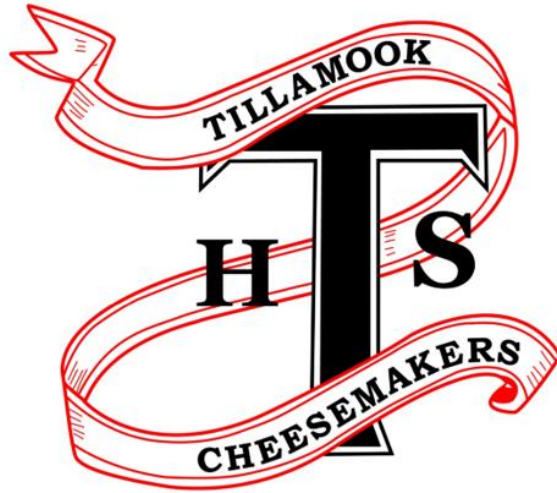


Freshman Course Catalog
For Forecasting
2020-2021



Tillamook High School
2605 12th St.
Tillamook, OR 97141
(503)842-2566

www.tillamookhigh.com

www.tillamook.k12.or.us

Christy Hartford, Principal
Jesse Johnson, Assistant Principal

Credit Information

Credit: A trimester course at THS is 12 weeks long and is worth .5 credit. Students schedule six classes per trimester, in addition to Intervention (advisory period).

Retaking Courses or Credit Recovery: Students who receive a grade lower than a D in a graduation requirement class are given opportunities to either retake the course for most grad requirements, in our summer school program or during third trimester in our Academic Intervention class. Make-up of courses failed may be taken at Tillamook High School Summer School, Tillamook Bay Community College, or any other accredited institution. Credit Recovery costs are the responsibility of the student. Students must obtain course approval from their counselor before enrolling.

Schedule Changes and Withdraws

Schedule changes may occur within the first week after the start of a new trimester. An administrator must approve requests for schedule changes after this time. Courses will not be moved to accommodate athletic/activity schedules.

A student may withdraw from a class without a grade penalty within the one week limit. Beyond that time, a student will receive an F (failure) unless an appeal due to extenuating circumstances is approved by an administrator. Complete schedules for transfer students will depend on the ability to coordinate available classes with student needs. **If course is a college credit class, please see a counselor or instructor as soon as possible for procedures, deadlines, and consequences.

Dropping Courses: If a student wishes to drop a course AFTER week-one of the trimester, but before the end of a trimester, they must obtain permission from the principal. In these cases, the student will receive an “F” on their transcript. If a student is unable to complete the course due to unforeseen/health reasons, this policy may be modified on a case-by-case basis.

Incompletes: Students are not granted incompletes. If an incomplete is requested by the student or is teacher initiated, the current grade shown in Synergy is placed on transcript at trimester end, and at the completion of agreed upon needed make-up schoolwork, teacher will complete a Grade Add/Change Form with updated grade.

Class Standing: Students are placed in a grade level according to their cohort graduation year.

Grading Information

Report Cards: Students receive six grade reports each year: 6 weeks (progress), 12 weeks (final), 18 weeks (progress), 24 weeks (final), 30 weeks (progress), 36 weeks (final). Parent Conferences are held once during each trimester. Parents can monitor student progress through ParentVUE, an online student information system. For access to ParentVUE, contact the counseling office (503-842-2566).

Grades: The following letter grades indicate what the student has achieved in class:

Grade	GPA Value	Weighted Grade	GPA VALUE
A	4.0	Honors/AP/CC A	5.0
B	3.0	Honors/AP/CC B	4.0
C	2.0	Honors/AP/CC C	3.0
D	1.0	Honors/AP/CC D	2.0
F	0.0	Honors/AP/CC F	0.0 (no credit)
P	Does not calculate		
NG	Does not calculate		

Graduation Requirements

Tillamook High School Diploma Applies to Tillamook High School Classes 2021-2024

SUBJECT	Abbreviation	CREDITS REQUIRED	SUBJECT	Abbreviation	CREDITS REQUIRED
Language Arts	LA	4.0	Economics	EC	.5
Mathematics (must be Algebra I & higher)	MA	3.0	Health Education	HE	1.0
Science	SC	1.0	Physical Education	PE	1.0
Lab Science	SC	2.0	Fine Arts/Career Technical	FA	3.0
World Studies	SS	1.0	Electives	EL	7.5
US Studies	US	1.0	Service Learning Project	SP	.5
Government	GV	.5	TOTAL CREDITS:		26.0

ADDITIONAL REQUIREMENTS – State Requirements

Essential Skills

Students must demonstrate proficiency in skills which are embedded in the content of their courses:

- Read and comprehend a variety of texts.
- Write clearly and accurately.
- Apply mathematics in a variety of settings.

Personalized Learning

Education Plan & Profile – Students must develop an education plan and build an education profile to guide them toward their personal, career, and post-high school goals. This requirement is met through our senior CIS explorations.

Career Related Learning Experiences – Students must participate in experiences that connect classroom learning with real life experiences in the workplace and/or community. This requirement is met through our senior CIS explorations.

Extended Application – Students must apply and extend knowledge and skills in new and complex situations related to the student’s personal and career interests and post-high school goals. This requirement is met through the Service Learning Project.

Service Learning Project

The Service Learning Project is composed of the following:

- 30 hours of Community Service
- Mentor Evaluation Form
- Journal Entries
- Formal Speech/Presentation at the completion

The service learning project will be a minimum of 30 hours and must be completed in senior year, unless approval via appeal process to complete project during junior year.

Required Courses by Grade

FRESHMEN YEAR	
Frosh Writing Lab	Frosh Math Lab **
English 9 A & B	Algebra 1A & B
Phys Science A & B	PE 1
Health 1	CTE Courses
Discovery	Fine Arts/Electives

JUNIOR YEAR	
English 11 A & B With English 11 Lab	Alg II or Geo or PreCal
AP Lit	US History A & B
Science (2 trimesters)	Personal Finance
Health 2	
Fine Arts/Electives	World Languages (suggested)

SOPHOMORE YEAR	
English 10 A & B With Creative Wr. Lab	Algebra II A & B
PE 2	World Studies A & B
Biology A & B	Fine Arts/Electives
World Languages (suggested)	

SENIOR YEAR	
English 12 A & B	Government
Economics	Math ***
Fine Arts/Electives	Service Learning Project
World Languages (suggested)	

**Not required if received high school credit for Algebra 1 while at junior high

*** Fourth year of math is recommended, if college bound

- Students must enroll in a minimum of six classes each trimester.
- View course descriptions, beginning on page 13 of the full course catalog, for more information about course offerings.
- Students planning to attend a 4-year college/university should refer to “college admission requirements” on pg. 7 of the full course catalog.
- Additional courses in math and science are strongly recommended in the senior year.

Graduation Requirements		
Economics	EC	.5
Electives	EL	7.5
Fine Arts/Career/Technical	FA	3.0
Government	GV	.5
Health	HE	1.0
Language Arts	LA	4.0
Math	MA	3.0
Physical Education	PE	1.0
Science	SC	3.0
Service Learning	SL	.5
World Studies	SS	1.0
US Studies	US	1.0
TOTAL		26.0

In addition to these credits, students must show proficiency in the following essential skills:

Reading

Writing

Math

Proficiency can be shown by earning specific scores on the Smarter Balanced statewide assessment tests, PSAT, SAT, ACT, or with alternative reading, writing, and math assessment/work samples.

AGRICULTURE SCIENCES AND INDUSTRIAL TECHNOLOGY

The THS Agricultural Sciences Program offers a wide variety of classes, depending on what your interests are. Agricultural classes focus on learning by hands-on activities and labs with the opportunity to earn college credits. Some classes also will participate in multiple field trips and listen to different guest speakers in the industry. Consider getting involved in some of the most fun classes at the high school!

Students enrolled in an agricultural class also have the awesome opportunity to be part of the Tillamook FFA Chapter. While the FFA certainly still serves students with an interest in agriculture, it also provides opportunities in medicine, research, technology, the environment, business, communication, and leadership. FFA members are on the forefront of advances in science, have opportunities to grow through leadership, and can become proficient in career-related skills through activities available throughout the year.

INTRODUCTION TO AGRICULTURE

Grades: 9-10

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

Preference given to 9th graders.

This is an introductory level course which provides an opportunity for students to get a taste of the many opportunities the Agricultural Sciences Program and the agricultural industry provide. This course is one of the most fun agricultural courses, because many different topics are covered, which include: animal science, plant science, tractor operation, soil science, agricultural business, personal leadership development, and much more. After this course, students will know about different opportunities and will be able to pursue their area of interest in the Agricultural Science Program.

FLORICULTURE

Grades: 9-12

Length of Course: Trimester (.5 credit)

Grad Requirement: FA/Career/Technical

Prerequisite: None

This course is a very hands-on class, as students will be learning to create many projects with flowers like corsages, boutonnieres, and floral arrangements. The purpose of this course is to teach students skills related to the floriculture industry. Students will also have the opportunity to act as an event planner for a project later in the trimester, as well as participate in field trips to local floral farms throughout the trimester.

HORTICULTURE

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical or SC

Prerequisite: None

This course is designed to introduce students to the many aspects of applied plant science through hands-on projects. Students will learn skills related to the identification of plants and their parts, plant growth and reproduction, and plant maintenance; all while helping run the school's greenhouse system. ***Students have the opportunity to earn college credit through this course: TBCC HORT 111 **Students under 16 require special consideration for college credit.***

FOOD SCIENCE & TECHNOLOGY

Grades: 9-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: None

Discover the science behind your favorite foods! How is root beer made? Are all additives bad? Will you get sick if you eat mold? These questions and more will be answered as you investigate principles of food processing and food science. Topics to be covered include food safety and regulations, processing and preservation, product development, and nutritional content of various foods. This course places emphasis on hands-on lab activities and discussion.

WOODS AND CONSTRUCTION

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

An introductory course where students will learn woodshop safety and be trained to use a broad range of woodshop and construction tools. Students will become proficient in planning, building, and finishing a variety of projects.

CAD/CAM (3D Printing, Vinyl, or Laser)

Grades: 9-12

Length of Course: Trimester

Grad Requirement

Prerequisite: NONE

Students will explore the world of design and manufacturing using vinyl, engraving and cutting and 3D printing. Students will learn the basics of 2 software programs (CAD), measurement skills, how to use the various machines that we have in the robotics program, and a lot about the materials that we can use to create functional parts. Lots of fun for creative minds.

INTRO TO ROBOTICS/ELECTRICAL CODING

Grades: 9

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: None

This course is an introduction to the basics of electronics, programming in C, and robotic control. You will learn how batteries work, to solder, and to waterproof electrical connections. We will work through a series of lessons where you and a partner will program and build systems that react to stimulus in the real world. Your final project will be a robot car that responds to the environment as it cruises around.

BUSINESS AND MULTI MEDIA

BASIC COMPUTER SKILLS

Grades: Required for grade 9

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

Portable storage device such as USB hard drive or 4GB flash drive recommended.

This course introduces the basic features of Microsoft Office, MS Windows, file management, and Google tools for education. Students will develop familiarity with Word, Excel, Access, PowerPoint, Gmail, Google Doc, Google Sheets, Google Drive, and Internet basics. Recommended: Keyboarding 30 WPM by touch.

FRESHMEN MULTIMEDIA CTE

Grades: 9

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

Required: Must have a flash drive to save projects

In this course, students will be introduced to various techniques and skills used by professionals in the field of film and video productions. Students will explore media careers in Oregon and other areas. Students will write, direct, act, plan, and shoot videos which will then be edited using Adobe Premiere Elements non-linear editing software. Students will peer edit and learn how to critique film during this 9-week course.

Students will spend 3 weeks learning how to create sprites and do simple coding to create a playable video game. Students will learn how professional game designers use a simple deck of cards to create ideas for games.

DARK ROOM PHOTOGRAPHY

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Must own or have access to a 35mm film camera

This course covers the basics of photography, from camera anatomy and compositional techniques, to shooting, developing and printing black and white film photography. Photographic composition, history and presentation are essential elements of this course. Students will have an opportunity to compose images for a variety of career applications such as recreational, journalistic, artistic, and commercial. This class can be taken for a second time for credit.

ARTS

ART 1

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

Whether you are a serious art student preparing for upper level art classes, or just wish to satisfy your Fine Arts requirement for graduation, you will be provided with the opportunity to try a variety of art mediums and skills. Students will develop and create original artwork while learning about the elements and principles of design. Students may expect to learn beginning drawing, painting, and printmaking techniques as well as at least one sculpture process. Students will be given the opportunity to participate in exhibitions, critiques, and digital field trips. Projects may include (but are not limited to) pen and ink drawing, tempera paint, collograph printing, and paper-mache sculpture.

ART 2

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Art 1

Students will expand on the drawing and design skills they learned in Art 1 by developing and creating original artwork using the elements and principles of design. Students will further their skills in drawing, painting, printmaking and sculpture. This course assumes participation in exhibitions, critiques, and digital field trips. Students will be required to make at least one gallery or museum visit during the course of the trimester. Projects may include (but are not limited to) charcoal, Sumie', watercolor, mono-printing, clay slab building, and acrylic painting.

CERAMICS

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Art 1

If you like working with clay, this class is for you. This class is designed to give students the experience of making sculptural pieces that are both functional and visually appealing, using a variety of techniques. This class will cover both hand built and wheel thrown forms.

SCULPTURE

Grades: 9-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Art 1

An exploration of 3D art processes. In this course you will learn the basic development of sculpture creation from concept sketch to finished project, working in a variety of media. Sculptures processes may include manipulative, subtractive, and additive techniques, as well as a look into both historical and current practices.

CTE & NATURAL RESOURCES

CAREERS IN NATURAL RESOURCES

Grades: 9-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: None

Natural Resources related careers are a growing field that includes so much more than just logging. Careers in Natural Resources will explore opportunities for careers that are high wage, high demand in the field of Natural Resources open to all types of students. This course will include guest speakers who have these careers, workplace visits, career surveys, higher education opportunities and personal goal setting in order to set a course to work in this ever-growing field. This introductory course will allow students to explore if participation in our Natural Resources CTE program is for them. Students will prepare a portfolio of careers in the Natural Resources field, and will also prepare a professional resume as part of the course. Job interview skills and a mock interview critiqued by the guest speakers and job shadow supervisors will round out the course. Note: This course counts as elective credit only.

INTRODUCTION TO HEALTH OCCUPATIONS

Grades: 9-10

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

What are healthcare occupations? The field of healthcare includes a variety of occupations in many types of settings. Examples include, but are not limited to: EMT, Athletic Trainer, Physician, Nursing, Medical Assisting, Vet Medicine, Dentistry, Healthcare Informatics, Bioengineer, Forensics and many more. During this course students will learn about the history of healthcare, explore careers available in each of the five healthcare pathways, medical terminology, basic anatomy and physiology, first aid, medical math skills, and study skills necessary for a healthcare career.

MUSIC and THEATRE

CONCERT BAND

Grades: 9-12

Length of Course: 3 Trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: Previous High School or Junior High Band experience or teacher's approval.

This instrumental music class is a performing group made up of students from freshmen to seniors. It encourages each musician to strive for excellence and to reach high levels of mastery of their band instrument. Students will gain an understanding and appreciation of music through various areas of instruction the band literature. Marching band and pep band participation is required for members of concert band.

SYMPHONIC BAND

Grades: 9-12

Length of Course: 3 Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Audition with band teacher

Symphonic Band is an auditioned ensemble consisting of outstanding freshman, sophomore, junior, and senior band students. The band performs 3 – 4 concerts throughout the 1st, 2nd and 3rd trimester, as well as making up for half the pep band for selected home basketball and football games. Students will perform advanced literature, drawing upon skills acquired in Concert Band and middle school. Students will learn and/or review major scales/rudiments/arpeggios as they pertain to their instrument along with complex rhythms, proper tone quality, music terminology, and history as it relates to music being performed. Students will be expected to: demonstrate respect for music, instruments, and each other; follow the directions of the conductor, and attend all performances. Daily practice is expected.

HONORS JAZZ BAND

Grades: 9-12

Length of Course: 3 Trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: By audition and teacher's approval

NOTE: This is offered as a 0 period course

This performing group is designed for upper level musicians with the desire to perform jazz music in a big band setting. The Jazz Ensemble is composed of 5 saxophones, 4 trumpets, 4 trombones, piano, bass, drum set, and guitar. Students will be expected to reach high levels of mastery on their instrument through many different types and styles of jazz music, including improvisation.

MIXED CHOIR

Grades: 9-12

Length of Course: 3 Trimesters (This is a year-long commitment)

Grad Requirement: FA/Career/Technical

Prerequisite: None

This choir is open to all and does not require an audition. The choir will sing mostly 3-part music in the easy to medium range in varying styles. Students will learn about music fundamentals in vocal technique, music theory, and music reading. This choir will perform in 4 concerts throughout the year.

CONCERT CHOIR

Grades: 9-12

Length of Course: 3 Trimesters (This is a year-long commitment)

Grad Requirement: FA/Career/Technical

Prerequisite: Audition and director's approval

Concert Choir is an audition-based group that sings 4+ part music. Students will develop skills in tone development, music reading, and other various music and singing areas. The choir will sing in 4 concerts throughout the year, as well as at graduation and in district and league festivals.

HONORS CHAMBER CHOIR

Grades: 10-12

Length of Course: 3 Trimesters (This is a year-long commitment)

Grad Requirement: FA/Career/Technical

NOTE: This is offered as a 0 period course

Prerequisite: Audition and director's approval, and enrollment in Concert Choir

This is an honors course offered before school. This choir consists of members selected from the concert choir.

Expectations are set higher as we learn music of high difficulty, with as few as two people singing each part. The choir will sing music from various styles including: Renaissance, Baroque, classical, spiritual, contemporary and a capella.

Students will also be expected to participate in some capacity in the solo and ensemble contest.

THEATRE

Grades: 9-12

Length of Course: Trimester

Grade Requirement: FA

Prerequisite: None

This is a foundational class focusing on many aspects of theatre. The course will highlight movement, voice, and the combination of the two through various units. Each class will have assignments, projects and performances. Each Trimester will include different units which allows for students to take this class more than once throughout the year if desired. Each Trimester will conclude with some form of showcase performance involving subject matter learned in the class and is mandatory for every student enrolled.

LEADERSHIP

LEADERSHIP

Grades: 9-12

Length of Course: 3 Trimesters

Grad Requirement: EL

Prerequisite: Elected ASB office or Class office

This class generates all ASB student activities at THS. Leadership theories will be taught and put to the test through planned events. The class deals in financing of the Associated Student Body, conducting Student Council meetings, and promoting school spirit and a positive school culture. Leadership will focus on organization of student body activities including: Homecoming, American Red Cross Blood Drive, Canned Food Drive, community service activities, and elections. The students may also attend the OASC LEADERSHIP conferences as availability and funds allow.

Goals: Leadership students will strive to:

Build an environment based on the principals of best effort, shared responsibility and mutual success. Communicate useful information in a concise and timely manner within the Leadership program. Encourage the THS student body, and staff to get involved and stay involved. Work to promote all leadership activities and school events to the entire student body. Be well organized, efficient, and enthusiastic and go above and beyond on all projects. Connect with our community.

Strive to recognize all students' achievements.

Make students feel at home among the leadership class and at school Leadership. Be a role model to the student body.

Abide by all school rules. Represent THS in a positive manner. Be responsible, take initiative and work together as a group with fellow officers.

DISCOVERY

DISCOVERY

Grades: 9

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Discovery is a course designed to teach students how to take responsibility for their own lives through self-advocacy, cooperation, and empathy. Students will study six specific skillsets: effective group work, anger management, communication skills, assertiveness training, problem solving, and conflict resolution.

DISCOVERY 2

Grades: 9

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: Teacher Invitation

Personal Development is a class that focuses on personal identity, socialization, and resilience. Students gain deep insight into the effects of family relationships, peer influence, traumatic life experiences, and social media on human behavior and the development of self.

LANGUAGE ARTS

ENGLISH 9

Grades: 9

Length of Course: 3 Trimesters

Grad Requirement: LA -2 trimesters; EL – 1 trimester

Prerequisite: None

This class will focus on reading, writing, speaking and organizational skills. In the first trimester, students will take a class called **Freshmen Writing Lab**. This class has two specific aims: help students become stronger writers by practicing foundational writing skills, and learn important organizational and time management strategies needed to succeed in high school. Through offering support with *both* academic and personal management skills, **Freshmen Writing Lab** helps students transition from junior high school into the high school environment.

In trimester two, students will take English 9A, a class that focuses on literature analysis and argumentative writing strategies. In trimester three, students will take English 9B and examine Shakespearean literature and figurative language. During this year of study, students will also continue to reinforce their understanding of English grammar through the Daily Grammar Practice (DGP) curriculum.

HONORS ENGLISH 9

Grades: 9

Length of Course: 3 Trimesters

Grad Requirement: LA -2 trimesters; EL – 1 trimester

Prerequisite: 8th grade instructor recommendation

Honors English 9 includes opportunities to further skills in speaking, writing, and literature study. Tasks include the unrehearsed speech, expository paper, and informative speech. Students will read a variety of literary works, including short stories, Shakespeare, and multi-cultural novels.

Freshmen Writing Lab. This class has two specific aims: help students become stronger writers by practicing foundational writing skills, and learn important organizational and time management strategies needed to succeed in high school. Through offering support with *both* academic and personal management skills,

PHYSICAL EDUCATION

PHYSICAL EDUCATION 1

Grades: 9

Length of Course: Trimester

Grad Requirement: PE

Prerequisite: None

This course promotes physical fitness, flexibility, strength and cardiovascular endurance. A wide range of activities designed to increase knowledge, skill understanding and appreciation of lifetime sports and recreational activities are used. A primary goal is to promote greater mental alertness and encouragement of healthy social attitudes that produce useful citizens. Students will participate in a variety of fitness tests each quarter. Each student is required to purchase a school PE t-shirt.

INTRO 2 AMD - ATHLETIC MOVEMENT AND DEVELOPMENT

Grades: 9-10

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: Frosh PE 1

This course will act as a guide to help students navigate strength training and to improve their physical fitness. Students will learn how to improve all components of muscular strength, endurance, and flexibility. The main objective of this class is to help students become familiar with the weight room, coach them to lift weights safely with proper technique, and understand how their body functions.

UNIFIED PE

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Unified Physical Education provides a unique opportunity for students with and without disabilities to come together through ongoing educational and physical activities. The Unified Physical Education course is structured around the national physical education standards and grade-level outcomes. Additionally, the class supports the development of leadership skills for all students as well as the empowerment of ALL students to foster an inclusive class and school-wide environment while improving skill development and knowledge of sports activities as well as improving fitness levels. Students in Unified Physical Education courses may have the opportunity to participate in competitions with other schools under Unified Champion Schools or attend Special Olympics events.

HEALTH

HEALTH 1

Grades: 9

Length of Course: Trimester

Grad Requirement: HE

Prerequisite: None

This class presents the material high school students should know to stay healthy. It is geared to adolescent students who are not only reaching physical maturity but also assuming responsibility for many behavior patterns that can affect their health throughout their lives. In addition, this class encourages students to discover other reliable sources of information that they can consult now and in the future. This class stresses choices and decision making. It teaches the skills necessary to weigh options, to make responsible decisions, and to develop behaviors that promote healthy lifestyles. Students are encouraged to assess their attitudes and behavior patterns and to understand the impact their lifestyle choices have on their well-being.

MATH

ALGEBRA 1 with Math Lab

Grades: 9-12

Length of Course: 3 Trimesters

Grad Requirement: MA – 1 credit; EL - .5 credit

Prerequisite: none

This course is designed to introduce students to the basic concepts of algebra and geometry. 9th grade students take Freshmen Math Lab the first trimester, which receives elective credit, and then receives 1.0 math credit for 2nd and 3rd trimester, which includes Algebra 1 A and 1B. Algebra 1 focuses on linear, exponential, and quadratic functions, and instruction will include materials from Eureka Math. Assessment will include performance tasks, daily work, summary sheets, test and quizzes. **Students who do not get a “C” will get an elective credit for a “D” but will have to repeat Algebra 1.**

ALGEBRA 2

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: MA

Prerequisite: -Geometry and/or Algebra I

This course is an extension of Algebra 1. It completes the factoring of polynomials and the solving quadratic equations started in Algebra 1. In addition, exponential and logarithmic logic is developed along with the rules of exponents including rational numbers. Assessment in this course involves daily homework, quizzes, tests, and summary sheets.

HONORS ALGEBRA 2

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: MA

Prerequisite: Algebra I

This course will present a more rigorous experience than Algebra 2. This course is a college prep class designed to expand Algebraic and Geometric skills. Extensions of graphical and analytical interpretations of functions will be explored. Students will have extended knowledge and use of a graphing calculator. Students will have take home tests, analysis questions, and develop conjectures about their mathematics. Assessment will also include the completion of a college math placement exam.

MATH INTERVENTION

Grades: 9

Length of Course: 1-2 Trimesters

Grad Requirement: EL - .5 credit

Prerequisite: none

Assigned math support class for students who are taking Algebra I series and need more targeted instruction. Instructors determined placement trimesters 2 and 3.

SCIENCE

PHYSICAL SCIENCE

Grades: 9

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: None

A broad introduction to formal science with a focus on physics and chemistry. The course includes lectures, labs, and projects. Students will learn to make measurements using the metric system, and also how to participate in labs safely. Topics include metric system of measurement, using scientific method to design and conduct experiments, measuring motion, Newton's Laws, friction and forces, work, power and energy, mechanical advantage, efficiency, and simple machines. In part B we cover states of matter, density, physical and chemical properties, atomic theory, atomic structure, the periodic table of the elements, common types of chemical reactions, the law of conservation of mass. This course will prepare students with foundational knowledge that can be applied to the study of biology sophomore year, and for a variety of elective courses that are offered throughout the department of science.

HONORS PHYSICAL SCIENCE

Grades: 9

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: 8th grade teacher recommendation, work sample evaluation, and placement test score

Honors physical science moves faster and covers material more in depth than the standard physical science classes. Students participate in labs where they design a machine to explore the topics of motion, forces, friction, power, energy, mechanical advantage, and use of simple machines to make work easier. This project also requires students to do research, use evidence based reasoning, and use data gathered in their experiments to support their conclusions. The use of this project will encourage students to explore multiple solutions to a complex problem. In part B, students will explore how the types and arrangement of atoms determines the chemical and physical properties of a substance, they will conduct labs to learn about basic types of chemical reactions, and will reflect upon their experiment to draw evidence based conclusions.

SOCIAL SCIENCE

MINDFUL STUDIES

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

In this course we will practice the concept of "being here and now with kindness". The goals of the course are stress reduction, working on focus and relaxation, learning to be with strong emotions, building self-awareness, empathy and compassion, and improving self-confidence and overall health.

The content of the class will include background information about mindfulness practice, sitting meditation, mindful movement, journaling, reflection, and class discussion.

SPORTS PSYCHOLOGY

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: Intended for student athletes

Sports Psychology will look at the human mind and how it plays a critical role in our ability to focus, overcome and succeed in the athletic venue. Using principles from the main psychology course, this class will analyze well-traveled philosophies about training and mindfulness, dealing with stress and goals, and pursuing athletic success. Using historical films and stories portraying achievements and downfalls, you can find out what it takes to become fully invested in your athletic pursuits by enrolling in this course.

INTRO TO PHILOSOPHY

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Do you ever wonder why there is something rather than nothing? Do you ever wonder about life, death, and the meaning of life? What is true happiness? Philosophy, literally translated, means the “love of wisdom”. The study of philosophy focuses on the fundamental questions regarding reality, existence, knowledge, values, reason, mind, and language. This course will focus on the development of human thought over time, covering both Western and Eastern philosophers and their impact on human progress from Buddha to Socrates.

CURRENT WORLD PROBLEMS

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Why is this world so chaotic? What do religion, politics, and culture have to do with world peace? Is war inevitable? This course will cover major trends and challenges in world politics and place them in historical perspective, preparing students to think critically about the causes of international issues, conflicts, and problems and to search for solutions. A major outcome of this class will be an increased awareness about the events going on around us, and the impact they have on our lives.

INTRODUCTION TO GEOGRAPHY

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Ever wonder why the earth looks the way it does? Why is it so difficult to predict the weather? Are we really going to have “the big earthquake” soon? Why people live where they do? Is the earth overpopulated? What is the deal with climate change? This course will take an introductory look at the constantly changing earth and the relationship it has with its people. Students will study the interconnectedness of the earth’s changing surface/sub-surface, weather patterns, human interaction with the environment, and demographics.

GLOBAL PERSPECTIVES

Grades: 9-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

This class is an introduction to sociology in which students study the way human beings are impacted/influenced by things they do not see. This class conducts a survey of provocative issues from a global perspective. Students will learn through the Sociological Imagination that things are not always what they seem.

WORLD LANGUAGES

SPANISH 1

Grades: 9-12

Length of Course: 2 Trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: None

Spanish 1 is a comprehensive program enabling students to develop competency in speaking, reading, writing, culture and other disciplines. The principal focus is the message being communicated. Students are encouraged to develop fluency from the beginning and develop accuracy as they progress from using non-grammatical words to strong sentences and ultimately to grammatically correct paragraphs. Spanish 1 is a communication-based, highly interactive, student-centered class, in which students engage regularly and frequently in paired and small-group activities.

SPANISH 2 **POSSIBLE AS A 9TH GRADE HERITAGE LANGUAGE LEARNER—SPEAK TO SPANISH LANGUAGE TEACHERS ABOUT PLACEMENT

Grades: 9-12

Length of Course: 2 Trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: Spanish 1

Optional: 4 WOU credits in Spanish 102

Spanish 2 is designed to develop language proficiency in Spanish and reinforce what students learned in Spanish 1. Students will participate in a variety of activities that incorporate listening, speaking reading, writing and culture. Students will be engaged frequently in communicative group activities, video and audio tape activities and workbook drills. Students will be evaluated by oral and written exams.

SPECIAL EDUCATION AND SPECIAL PROGRAMS

Students who currently have programs or classes that require specially designed instruction will be individually scheduled by current case manager.