

Course Catalog 2020-2021



Tillamook High School

2605 12th St.

Tillamook, OR 97141

(503)842-2566

www.tillamookhigh.com

www.tillamook.k12.or.us

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Purpose of the Guide

The curriculum at Tillamook High School is designed to meet the needs of our students as they prepare for college, post high school training, and the world of work. The graduation requirements at THS meet and exceed the State of Oregon graduation requirements and, in doing so, challenge students to do their best in their areas of interest and yet provide a broad range of courses for all students.

The staff at Tillamook High School encourages all students to pursue a well-rounded high school program. THS offers a large number of elective opportunities in foreign language, music, fine arts, drama, industrial arts, experiential programs, and career exploration. We encourage our students to work closely with their parents, teachers and counselors to understand all their options and to determine the program of study that best prepares them for life beyond high school.

During high school, students will begin developing a transcript which indicates educational success. Post-secondary schools will examine this transcript carefully, as will many jobs, apprenticeships, or vocational training programs. Students find that the competition after high school to enroll in educational and vocational opportunities is high and successful high school records can often determine a person's success at pursuing the career of their desire.

Tillamook High School is organized on a trimester system. The school year is divided into three trimesters of 12 weeks each. Students schedule six classes each term. This gives students a number of opportunities to explore interests afforded to them. This guide allows students to plan their high school years so that all interests are thoroughly explored.

Parents are always welcome to consult with counselors and faculty members about the progress of their student. Often, a conference of student, parent, teacher, and counselor helps to clarify what direction would be best for a student to take. If you would like to set a conference with one of our counselors or a teacher please call the high school at 503-842-2566.

How to use this guide

This planning guide has been designed to help students select classes and plan their time at Tillamook High School to maximize their futures. Study this guidebook carefully and understand what is required of you for graduation.

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 1 & 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 this guide, 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 this guide.
- 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.

College Admission Requirements

Oregon Public Universities require at least 15.0 college prep credits for admission. Colleges require different credits in different areas – it is important to consider the admission criteria of each school.

NOTE: A “C” or higher must be earned in these classes to be given credit according to college standards.

The following courses are considered “college prep” according to the Oregon Public University System:

<p>Language Arts - 4.0 credits English 9 English 10 English 11 English 12 AP English Literature English 104 and/or 105 WR 121 WR122</p> <p>World Language - 2.0 credits (same language) Spanish 1, 2, 3, and 4 Heritage Spanish 1 Heritage Spanish 2</p>	<p>Science - 3.0 credits (2.0 credits must be lab science) Physical Science Biology Chemistry Physics Marine Biology Natural Resources Adv. Natural Resources Animal Science Equine Science Aerial Robotics Land Robotics Additive Manufacturing Food Science</p>	<p>Math - 3.0 credits Algebra 1 Geometry Algebra 2*/H Algebra 2* Pre Calculus MTH 111/112 AP Calculus</p> <p>Social Studies – 3.0 credits World Studies US History Government Economics</p> <p><i>*Minimum math requirement for 4-year college admission</i></p>
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Students who are interested in playing athletics in college should speak with a counselor to make sure they meet the requirements for the NCAA Clearinghouse, which are different than college admission requirements.

OREGON UNIVERSITY SYSTEM COLLEGE MINIMUM ENTRANCE REQUIREMENTS

Must earn a “C” or above in the following:

- English.....4 years
- Mathematics.....3 years
- 2 years of college preparatory math beyond Algebra I
- Science3 years
- Social Studies.3 years
- 1 year US History, one year Global Studies, and one additional year
- Foreign Languages.(in SAME language).....2 years

GPA Requirements by School

Freshman Admission High School GPA

UO	OSU	PSU	EOU	OIT	SOU	WOU
3.00	3.00	3.00	3.00	3.00	2.75	2.75

Note: The above are the minimum requirements for admission to Oregon University System schools. All schools in the State system require high school graduation and submission of SAT 1 and/or ACT scores. OUS automatically admits students to one OUS institution with the following: 3.40 GPA , 16 core subject credits and minimum scores for SBAC or college placement test scores. See www.ous.edu for more information.

NCAA GRADUATION REQUIREMENTS

Students who wish to attend college and play Division I or Division II athletics must meet the following requirements to be eligible to participate.

- 1. Graduate from high school.**
- 2. Earn a grade point average of at least 2.50 in core subjects (on a 4.00 scale)** in a core curriculum of academic courses which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA. Must earn letter grades in the core subjects.
- 3. Earn a sum of scores of at least 68 on the ACT or a combined score of at least 820 on the SAT (Verbal and Math only).**

For more information regarding the new rule, please go to www.ncaa.org. Click on “Student-athletes and Parents” in the “Custom Home Pages” section. You may also visit the clearinghouse Web site at www.ncaaclearinghouse.net.

**DIVISION I
16 CORE-COURSE
RULE
2008 and after**

16 Core Courses:
 4 years of English.
 3 years of mathematics (Algebra I or higher).
 2 years of natural/physical science (1 year of lab if offered by high school).
 1 year of additional English, mathematics or natural/physical science.
 2 years of social science.
 4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

**DIVISION II
2005 and after**

14 Core Courses:
 3 years of English.
 2 years of mathematics (Algebra I or higher).
 2 years of natural/physical science (1 year of lab if offered by high school).
 2 years of additional English, mathematics or natural/physical science.
 2 years of social science.
 3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

If you have any questions about NCAA eligibility, please call the NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE toll-free at 877-262-1492. You may also call the NCAA at 317-917-6222.

- Start planning now! Take the right courses and earn the best grades possible.
- Find your high school’s list of NCAA core courses at eligibilitycenter.org/courselist.
- Sign up for a free Profile Page at eligibilitycenter.org for information on NCAA academic and amateurism requirements

POST-SECONDARY PLANNING

It is important to plan ahead if you want to attend college at the end of your high school career. Consider the following information when preparing for college:

COLLEGE ENTRANCE EXAMS

Students planning on attending a four-year college or university need to plan on taking a college entrance exam. There are several exams and preparation opportunities for students to take advantage of. The ideal time for students to take these exams would be in the spring of their junior year. They will cover a large portion of the material throughout their coursework, and would still have the chance to retake the test in the fall if they are not pleased with their scores.

Each Fall THS hosts the PSAT, a preparation test for 10th graders at no cost. This occurs on a weekday midway through October. Student and parents will receive information in a newsletter and the announcements for details on dates. The exam prepares students for the format of the SAT test, and provides any juniors who retest with the chance to be considered a National Merit Scholar if they rank within national standardized ranges. **There is only one opportunity for this test each school year.**

College entrance exams are used to determine college readiness and to meet entrance requirements in most cases. Student can elect to take either the ACT or the SAT.

The ACT is content based covering reading, writing, math, and science. This exam is aligned with courses that students take during their academic core subject classes. The SAT is a reasoning test that includes components of math, reading and writing. Logic is a large component of this test design. With each test it is now necessary to sign up for the writing test as well. There are free online resources to help students prepare for the content of each exam. Flyers and information can be found in the counseling center, as well as practice test booklets. Students can register to test at THS or other locations online. See websites below for registration, dates, location and test cost.

Only online registration is available:

ACT – www.actstudent.org

SAT – www.collegeboard.com

SECONDARY SCHOOL OPTIONS

It's never too early to start thinking about your plans after high school. There are about 2,600 four-year colleges in the United States. There are 17 community colleges and over 60 different career/technical schools in Oregon alone. The choices are many, so how do you decide? Your decision is based on your career goals and what education is necessary to achieve those goals. Keep in mind that 85% of today's careers require education or training beyond high school.

Career and Technical School – Career and technical schools offer short-term training programs in specific skills. Some programs last a few weeks and others may take up to two years to complete. Costs vary greatly in regard to programs. Remember that these are private institutions with the goal of making a profit. While many offer great programs, be sure to investigate the school thoroughly before committing or sending a check. For more information check out the *Career College Association 1101 Connecticut Avenue NW, Ste. 900, Washington, DC 20036 • Phone: (202) 336-6700*

Community College – Community colleges offer many programs to fit the needs of the community. Students can take individual classes of interest, or enter a two-year Associate's Degree program. In order to save costs, many students attend community colleges for one or two years and then transfer to a four-year college. Any student with a high school diploma or GED can attend. While an assessment/placement test is required, the ACT or SAT is not required for admission.

Public Four-Year College – Public colleges are larger than private colleges. Therefore, they can offer a wide variety of majors. Because they are tax supported, they are generally less expensive than private colleges. Out of state tuition is generally much higher than in state tuition.

Private Four-Year College – Private colleges tend to be smaller and more expensive than public schools. They generally also offer smaller class sizes and more individual attention.

How do I keep all of this information straight?

File Folders – Have a folder for each option you're considering. "College Search" might be one label, or "Career Options" might be another. Consider using a big box to put everything into so you know where it is when you need it.

Calendar – Deadlines come up fast! Mark your calendar for deadlines having to do with test registration, student aid, scholarship and school applications, and other important dates.

Resources

- Oregon University System (OUS)—the umbrella over the Oregon public four-year colleges. www.ous.edu
- Oregon Student Assistance Commission (OSAC)— administers scholarships, grants, and loans for Oregonians attending Oregon colleges and technical schools. 1(800) 452-8807. www.GetCollegeFunds.org
- Oregon Community Colleges Association (OCCA)— Provides information and links to all seventeen of Oregon's community colleges. www.occa17.com

Free and Helpful Scholarship and Aid Websites

All scholarship applications and search engines should be free of cost, avoid scams

www.pin.ed.gov – to sign up for your Personal Identification Number, necessary for completing online FAFSA forms

www.fafsa4caster.ed.gov – help with preparing your financial aid forms, this tool lets you estimate the amount of aid you may receive with the past year tax information.

www.fafsa.ed.gov federal financial aid form available January 1st of each year for the following school year. You can fill information out earlier, save it and then make changes once tax information is available for the current year, before you submit the application.

www.getcollegefunds.org -**Oregon Student Assistance Commission**

One application for 400 different scholarships, for Oregon residents! OSAC Administers a variety of state, federal and private funded awards available to Oregon students. The website offers many great tools and information about regarding financial aid. Applications open in November, they are due in February, but students who submit applications starting in January are eligible for an additional \$500 scholarship drawing.

www.gocollege.org - Performs a college and financial aid search to determine the best combination of academics and affordability.

www.collegedata.com CollegeData has over 565,00 scholarships – totaling \$3 billion available to students. They find tools, advice, and facts to assist with their search for college funding.

www.supercollege.com – This site is hosted by financial aid authors, and offers you anything you could ask for in a college plan! There are student, graduate and parent section. There are scholarships, books, explanations, application advice, and question/answer opportunities.

www.gmsp.org - Bills Gates Millennium Scholarship Over \$1 Billion dollars available for minority students, seeking higher education in areas if highest need such as medicine,

education, engineering, mathematics and public health. The scholarship has a January deadline.

www.collegeboard.com

Complete a user profile to access information about scholarships, loans, and other various financial aid programs. Students can search for colleges based on personal preferences. There are also many handy tools for preparing for college entrance tests and for preparing for college academics.

<https://bigfuture.collegeboard.org/scholarships/nanog-scholarship-program>

www.americorps.org

Official Ameri-Corps website, showcasing national service learning opportunities. Students can access any number of resources on this website, helping them explore the options and steps to pursuing organized community service projects after graduation.

www.iefaf.org -International Education Financial Aid Search the data base for international education and funding opportunities. For those students who want to leave the United States to pursue international opportunities.

www.zinch.com search for hundreds of scholarships, search for colleges and students can fill out a public profile that will let them compete nationally against their peers for a \$20,000 scholarship in a tournament style bracket format.

college.gov – great planning tools and college information. The college search tool is very useful, helping you compare selected schools in such categories as proximity to cities, cost, size, college prep scores averages. Each search selection links you to the school's website.

www.collegeaid.net

Scholarships applications and college search information. Students can input their personal information and search selections to help narrow down both aid applications and college choices.

<https://scholarsapp.com/>

At Scholars App, we background check every scholarship. We check that students will not have their data stolen and that they have a chance of actually receiving money.

www.scholarshipamerica.com - Citizen's Scholarship Foundation is committed to helping students maximize their academic award potential. On this site students can apply for their share of \$2 Billion! There are many useful tools including a scholarship timeline, scholarship writing tools, resources and searches.

www.collegefund.org - American Indian College Fund Founded by 30 tribal colleges, provides assistance for Native American students. This website will help all Native American students explore what aid options are made available for their specific educational goals.

<http://www.usnews.com/sections/education/> -US News and World Report
This website can provide the latest College ranks, funding & scholarship information.

www.uncf.org -United Negro College Fund
Assists students with information about the 105 historically black colleges and universities. The site offers a large number of student scholarships.

www.collegenet.com
Search by scholarship or create a profile and the engine will help you find funds. The Mach25 database has over 600,000 scholarships with awards totaling over \$1.6 billion. You can also use the college search engine to help you narrow down ideal college options, based on your personal criteria.

Financial Aid Resources

www.finaid.com
This website is a central source to search for financial aid resources, meeting a profile that you create. There are tools to help you understand all sources of funding available to you.

www.collegeanswer.com - Sallie Mae sponsored site
This site displays excellent information about funding your educational process. There are tools and resources for students and parents. You can find answers to any funding related question on this well thought out and designed website.

<http://www.rspfunding.com/finaidinfo.html> - Reference Service Press
Service that collects in-print and electronic information on scholarship, loans, awards, and internships.

www.petersons.com Peterson's
A glossary of terms, articles that address scholarship myths and financial aid. A how-to for families to help navigate the costs of higher education.

CAREER INFORMATION

Some students will want to pursue education beyond high school through college, apprenticeship programs, technical school, or the military. For additional career information, including training requirements, job availability and more, look for the following.

Every student at THS has access to the Career Information System –the system has information about your future career with resources for research.

Connect with employers – A job board, volunteer file, job shadows, mock interviews, assistance with internships, and resume help. Also available is information on community resource referrals for county agencies and assistance programs.

Computer access – available for students to research with the State of Oregon employment web site and the iMatch computer system @ www.emp.state.or.us.

Students will find career assessments, wage and employment outlook, work environment, salary potential, education and training.

Assessment Tool: www.mynextmove.org

Free Career Web Sites – www.careervoyages.gov

College information – www.collegetoolkit.com

State of Oregon Worksource – www.olmis.org

Each of these courses meet the requirements for the graduation requirements listed.			
EC - Economics - .5	CG Video Editing I	GV - Government - .5	Research Science I
Economics	Frosh Multimedia	Government	Animal Science
CC: EC 202	Game Design	AP Government	Veterinary Assisting
EL - Electives - 7.5	Capstone Project	HE - Health - 1.0	Nat. Resource - Water
ELD Instruction	Intro to Teaching	Health 1	Adv Natural Res Water
Freshman Writing Lab	Personal Finance	Health 2	Adv Natural Res Forestry
Reading Writing Poetry**	Yearbook	HE 250	Intro to Robotics
Speak Up!	Intro to Health Occ	LA - Language Arts - 4.0	Land Robotics
Reading Alt Assess	Health Occupations II	English 9	Water Robotics
9th Math Intervention	Medical Terminology	Honors English 9	Aerial Robotics
Global Perspectives	Woods and Construction	English 10	Honors Physical Sci
Pacific NW History	Horticulture	Honors English 10	Honors Biology
Intro to Philosophy	Personal Leadership Devel.	English 11	Chemistry
English Peer Tutor	Advanced Mechanics	LA Skill Development (MOD)	Physics
Science Peer Tutor	Reproduction in Livestock	AP Literature	Research Science II
Study Skills	Spanish 1	English 12	Equine Science
Discovery	Spanish 2	CC: WR 121	Food Science
Life Skills	Spanish 3/4	CC: ENG 104	Nat. Resource - Forestry
Communication Instruction	Heritage Spanish 1 & 2	CC: ENG 105	Nat. Resource Field Exp.
Sports Psychology	Concert Band	CC: WR 122	Intro to Manuf. And Harv.
Creative Fiction Writing **	Honors Jazz Band	MA - Math - 3.0	3D Printing CAD/CAM
College Career Prep**	Mixed Choir	Algebra 1	Reproduction in Livestock
Freshman Math Lab	Honors Chamber Choir	Geometry/Honors Geometry**	Exotic Small Animal Vet Science
ELA Support	Art 2	Algebra 2	SL - Service Learning - .5
WR Alt Assess	Art 4	Honors Algebra 2	Senior Project
Math Alt Assess	Sculpture	Modified Algebra	SS - World Studies - 1.0
Intro to Geography	Basic Computer Skills	Pre-Calculus	World Studies
Current World Problems	CG Video Editing II	CC: MTH 111	Honors World Studies
Psychology	CG for Multimedia	CC: MTH 112	US - US Studies - 1.0
Various TA's	Video Game Programming	AP Calculus	US History
Math Peer Tutor	Intro to Business	Consumer Math (MOD)	Honors US History
Social Studies Peer Tutor	Life Skills	PE - Physical Ed - 1.0	
CD Leadership	Work Experience	PE 1	
Exceptional Child	Intro to Entrepreneurship	PE 2	
Transitions	Health Occupations I	PE Games	
Mindfulness	Phlebotomy	Intro to AMD	
FA - Fine Arts/Career/Technical - 3.0	Anatomy & Physiology	AMD	
Engineering Tech I	Advanced Woodworking	PE 182	
Engineering Tech II	Floriculture	Unified PE	
Symphonic Band	Intro to Agriculture		
Concert Choir	Basic Mechanics	SC - Science - 3.0	
Art 1	Ag Metals and Welding	Physical Science	
Art 3	Advanced Fabrication	Biology	
Ceramics		Astronomy	
Darkroom Photo		Marine Biology	
		Horticulture	

Course descriptions begin on page 12 of this guide.

** Classes are no longer offered at THS, but remain in the guide for informational purposes

College Credit Availability at Tillamook High School

Expanded Options - Tillamook High School will pay for 11th graders who are at least 16 years old to take up to 8 credits per trimester/term (not including summer term) at TBCC for classes on the TBCC campus, or for online classes taught by TBCC. Most students at THS take online classes because of schedule conflicts. These classes also count as high school credit. Classes must be 100 level or above and at least 3 credits. Most courses require qualifying Accuplacer scores (taken at TBCC), or SAT/ACT/PSAT scores, or Smarter Balanced scores in all three areas (reading, writing and math.) Students who have an online class can have a study hall period in the library to work on that class, or can have a release period called "Pathways." This program is always subject to funding availability. See your counselor for details.

Dual Credit Courses - The following are courses taught by a high school teacher on the THS campus where the student can receive both high school and college credit. Most courses require qualifying Accuplacer scores (taken at TBCC), or SAT/ACT/PSAT scores, or Smarter Balanced scores in all three areas (reading, writing and math.) There is no cost for these courses that typically cost \$95 per credit. Dual credit courses transfer to community colleges and four-year universities. Many of these listed courses are among the most commonly taken courses at community colleges and four-year universities.

Advanced Fabrication - 4 TBCC credits: WELD 261 – Basic Fabrication I

AP Calculus – 8 OIT credits: MTH 251 (AP Calculus A) and MTH 252 (AP Calculus B)

AG Metals and Welding - 3 TBCC credits: AG 221 - Metals and Welding

Animal Science - 4 TBCC credits: ANS 121 - Intro to Animal Science

Anatomy & Physiology (Survey) – 4 TBCC credits: BIO 100

Computer Graphics for Multimedia - 4 PCC credits: in MM 230 – Computer Graphics for Multimedia

Economics 202 - 4 TBCC credits: ECON 202 - Intro to Economics

English 104/English 105 - 4 TBCC credits each: Intro to Literature: Fiction and Intro to Lit: Drama

Environmental Science – Adv. Natural Resources Water - 4 TBCC credits: ESR 171 - Environmental Science - Biological

Equine Science - 4 TBCC credits ANS 220

HE 250 – 3 TBCC credits: HE 250 – Personal Health

Health Occupations 1 – 2 TBCC credit: CG130H – Intro to Today’s Careers: Health

Health Occupations 2 - 1 TBCC credit: HE 110 - CPR/AED; 1 TBCC credit: HE 112 - First Aid/Emerg. Care

Horticulture – 4 TBCC credits HORT 111

Intro to Business - 4 TBCC credits in BA 101:

Introduction to Business

Intro to Entrepreneurship - 4 TBCC credits: BA 150 - Intro to Entrepreneurship

Intro to Forestry – Adv. Natural Resources Forestry – 4 TBCC credits: FORESTRY 111

Marine Biology – 4 Clatsop CC credits: BIO143

Math 111/Math 112 - 10 TBCC credits: MTH 111 - College Algebra; MTH 112 - Elementary Functions

Medical Terminology – 3 TBCC credits: MP 111 – Medical Terminology

PE 182 - 1 TBCC credit: PE 295 – Group Fitness

Personal Leadership Development - 3 TBCC credits: LEAD 242 – Personal Leadership Development

Spanish 2-4 - 4 WOU credits: Spanish 102; students can receive college credit once in levels 2-4.

Speak Up! - 4 TBCC credits: COMM 111 - Public Speaking

Video Editing 2 - 4 PCC credits: MM 260 – Video Production

Writing 121 - 4 TBCC credits: WR 121 - English Composition I

Writing 122 – 4 TBCC credits: WR 122 _ English Composition II

Career and Technical Education

Agricultural Sciences and Industrial Technology

AGRICULTURAL SCIENCES

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***

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.

Career and Technical Education

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PERSONAL LEADERSHIP DEVELOPMENT

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Intro to Agriculture

Leadership is designed to specifically train students as team leaders for the workplace. This is an activity-based course designed to help students develop responsibility, initiative, creativity, school pride and leadership. This course will help acquaint the student with the theories and principles of personal leadership development and growth, and allow the student to integrate such skills to his/her own life and decision-making processes. The student will acquire practical skills and knowledge by exploring elements and principles of cooperative and group dynamics, advanced planning, parliamentary procedure, public speaking, sales and marketing, as well as goal-setting. ***Students have the opportunity to earn college credit through this course. 3 TBCC credits LEAD242.***

ANIMAL SCIENCE

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Intro to Agriculture

Take a walk on the wild-side, receive a more in-depth understanding of animal care and scientific procedures. Through hands-on labs and guided study, learn how to apply animal anatomy, genetics, reproduction, behavior, nutrition, and health to both household pets and large livestock. Basic veterinary procedures and jargon will also be introduced. If you are interested in a career with animals, then this is the course for you! ***Students have the opportunity to earn college credit through this course. 4 Credits TBCC ANS 121***

EQUINE SCIENCE

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Animal Science

Students will learn concepts and principles related to the equine industry. Topics will include: selection of horses, conformation, identification of blemishes and unsoundness, horse digestion/nutrition, hoof/dental

care, and reproduction. Also, students will acquire skills in advanced areas by learning to check vital signs, learn basic first aid, and diagnose diseases in horses. ***Students have the opportunity to earn college credit through this course. 4 TBCC credits ANS220***

REPRODUCTION IN LIVESTOCK

Grades: 11-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Animal Science, and must be approved

Class is dedicated towards learning reproduction in livestock. The class will include labs related to female and male reproductive anatomy, breeding methods, semen evaluation, and genetics. The class will include travelling to farms to practice artificial insemination on cows.

VETERINARY ASSISTING

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Animal Science

This class is designed expose students to the area of veterinary medicine. Students will have the opportunity to learn and gain hands-on skills related to clinical and handling/restraining practicums. Students will be able to perform dissections, vaccine administration, suture application, and be able to handle animals. Students will work with the following species: dogs, cats, small mammals, birds, reptiles, rabbits, poultry, horses, cattle, sheep, swine, and goats. This class will learn technical skills by running a grooming service. Students will be expected to work with animals and will wash, groom, clip, and perform other tasks on live animals weekly.

Career and Technical Education

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EXOTIC SMALL ANIMAL VET SCIENCE

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: None

Zoo professionals, exotic animal veterinarians, and wildlife educators work with a broad range of species that are difficult to care for in captivity. This course focuses on the life histories, general and specific care, population management, operant conditioning, enrichment design, and regulation surrounding successful management of non-traditional species in captivity.

AG METALS AND WELDING

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

This course is designed for students interested in learning these skills and safety related to working and constructing with metal using gas-metal arc welding (GMAW), shielded-metal arc welding (SMAW), and oxy-acetylene (OA) welding and cutting. This course will also include advanced project design and advanced skills in plasma. Upon proving to be proficient, students can have the opportunity to work on a self-designed project (financial responsibility of the student). ***Students have the opportunity to earn college credit through this course. 3 TBCC Credits AG221.***

ADVANCED FABRICATION

Grades: 11-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Ag Metals and Welding

This project based class allows students to complete either personal projects (at their own expense) or school-based projects that involve building, welding, planning, and other fabrication applications. These projects may be wood or metal based, but the class will be located in the welding and automotive shops. Welding applications could include Advanced Stick Electrode Arc Welding, Advanced Oxy-Acetylene welding/cutting, MIG Welding, TIG Welding, Basic Plasma Cutting, and other metal

working techniques. A review of basic welding in a flat position, shop safety (both general and specifically for the welding shop), and basic metallurgy will be discussed to start the class. Student should have good basic skills before taking the course. The program will supply a pair of safety glasses, welding gloves, and a welding helmet, but students will need to provide appropriate protective clothing. ***Students have the opportunity to earn college credit through this course. 4 TBCC credits WLD 261.***

BASIC MECHANICS

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: None

This class is designed to expose entry level students to the world of mechanical devices using the automobile as a base for learning. Students will be given classroom instruction backed by hands-on assignments to help them understand how a variety of mechanical systems function. Students are responsible for bringing in mechanical devices such as cars, trucks, motorcycles, ATV's, etc. to work on. Students do not need a car or truck to be successful in this class but will need transportation of projects to work on.

ADVANCED MECHANICS (AUTOMOTIVE TECHNOLOGY)

Grades: 11-12

Length of Course: 3 Trimesters (1.5 credits)

Grad Requirement: FA/Career/Technical

Prerequisite: Basic Mechanics

This class is designed to give multiple hands-on experiences in the diagnosis and repair of mechanical systems. Students will have the opportunity to review and reinforce the concepts they learned in the Basic Mechanics class. The class will meet in the classroom for weekly sessions that will review concepts and introduce more advanced topics. Students will keep a daily log of work done. Students will be required to give class presentations of material learned on different systems. Students will work each day in the shop environment and will need projects.

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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.

ADVANCED WOODWORKING

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Woods and Construction

Students with a basic knowledge of woodworking will take on more advanced projects that meet a need in the community, produce revenue to support material needs for the program, or to explore their own creative potential.

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

Grades: 9-12

Length of Course: Trimester

Grad Requirement: SC

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.

LAND ROBOTICS

Grades: 10-12

Length of Course: 2 trimesters

Grad Requirement: SC

Prerequisite: Intro Electronics, or Engineering 1, or 3D Printing and Design

You get to participate in the First Tech Challenge. Each year there is a new game that has different goals and challenges. You will work with a team of about 7 students to design and build a robot that competes in regular league matches. We use smartphones to control the robots, and 3D print lots of parts, as well as seeking team sponsors. Create team gear, and work through many prototypes to find what works. Document your team journey as engineers and scientists.

Special Note: This course requires you to help set up for the league meets on some Fridays after school, and to be available on 5 Saturdays when our league meets are held. Students that cannot attend these tournaments will have trouble making up their project grades, and being a successful part of their team. Please select a different robotics course if this will not be possible for you.

Career and Technical Education

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AERIAL ROBOTICS

Grades: 11-12

Length of Course: Trimester

Grad Requirement: CTE, SC, EL

Prerequisite: Intro to Robotics or CAD/CAM and Land Robotics or Teacher Approval

This course focuses on robotics of airborne systems, including flight systems, design and construction of drones or other aircraft, as well as flight testing and refinement of engineering designs. Students will cover all relevant topics required to pass the part 107 sUAS (drone) pilot certification test, will learn how to conduct preflight checks and mission planning, and will practice flying drones and other aircraft in accordance with FAA regulations.

This class pits you against the elements as you attempt to create a robot that can survive and thrive underneath the surface of both swimming pools and local bodies of water. Your team will work together to create a remotely operated Vehicle (ROV) that can transmit video to the surface, pick up objects, and interact with living things underwater. First term we are preparing for a local MATE ROV competition challenge at our YMCA, and then second trimester we go on a Saturday tournament in Lincoln City. Then we take to the Bay, local river, or lake to see what our robots can do in a real-life challenge. This course is tons of fun, requires similar skills to land robotics, but involves less Saturdays.

ROBOTICS LEADERSHIP

Grades: 10-12

Length of Course: 3 Trimesters

Grad Requirement: EL

Prerequisite: INSTRUCTOR APPROVAL ONLY

Students work to manage and run our FTC robotics league as well as other robotics programs. Students in this course are expected to help set up for FTC weekend events, attend events, mentor our younger teams, set up and maintain scorekeeping software, league website, live stream events to YouTube, conduct outreach to gain community support for our program, and coordinate volunteer assignments to support our events. This time may also be used to develop their robot as a team, but the primary goal is to learn leadership skills to support the behind the scenes operation of our FTC league.

Students work to manage and run our FTC robotics league as well as other robotics programs.

WATER ROBOTICS (NOT offered 20-21)

Grades: 10-12

Length of Course: 2 trimesters

Grad Requirement: SC

Prerequisite: Intro Electronics, or Engineering 1, or 3D Printing and Design.

Career and Technical Education

Business

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.

INTRO TO ENTREPRENEURSHIP

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None; for grade 10 INSTRUCTOR APPROVAL

This course introduces students to the process for launching a business by providing a learning combination of classroom sessions and real-world experiences. The ultimate goal is to prepare individuals to launch a real business. Through this course, students will learn the Lean Startup Methodology and the Business Model Generator. ***Students have the opportunity to earn college credit through this course. 4 TBCC Credits BA 150***

INTRODUCTION TO BUSINESS

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None; for grade 10 INSTRUCTOR APPROVAL

Portable storage device such as USB hard drive or 8GB flash drive required. Introduction to Business is designed to expose the interested student to many functions of modern business. The course shows the student how these functions exist in a changing society and the type of decisions which must be made within that environment. The course is also designed to expose the student to the multitude of career fields in the areas of business. The importance of business in the modern society is also stressed throughout the course. Topics such as business environment, management,

organization, marketing, finance, accounting, and data processing are discussed in an introductory manner. This course is not designed to provide for entry level employment or job upgrading except to provide background knowledge of business. ***Students have the opportunity to earn college credit through this course. 4 TBCC Credits BA 101.***

PERSONAL FINANCE

Grades: 11

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Required for all juniors

Understanding and managing personal finances are key to one's future financial success. This course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

Career and Technical Education

Engineering Technology

ENGINEERING TECHNOLOGY 1

Grade: 10-12

Length of Course: 2 trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: Successful completion of Algebra 1

This class will provide students with an opportunity to explore a variety of technical skills in a hands-on manner. The skills will include robotics, CNC mill work, electrical controls, mechanical and electrical fabrication, power tools, pneumatics, measurement, AC/DC electricity, print reading, and CAD. Students will specialize in two of these areas and will form a team of 6 which will be designing, creating, and running a project. Students need to be self-motivated, well disciplined, good problem solvers, and work well in a team environment.

ENGINEERING TECHNOLOGY 2

Grades: 11-12

Length of Course: 2 trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: Engineering Technology 1 and instructor approval

This class is a continuation of Engineering Technology 1. Students will continue their lab exposure by becoming curriculum experts in two more stations. Students will be building a hovercraft during the second trimester as part of a larger group. Students need to be self-motivated, well-disciplined, good problem solvers, and work well as a team.

Career and Technical Education

Health-Care Career Pathways

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.

HEALTH OCCUPATIONS 1

Grades: 11-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

This course is a dual credit college course that includes more detailed exploration into the healthcare industry. It is a continuation of healthcare industry exploration including healthcare systems, Laws and Ethics, health and wellness, safety and infection control procedures, and disease. Soft skills needed for career success are also discussed, as students learn strategies for overcoming communication barriers as well as legal and ethical considerations pertaining to the healthcare field. ***Students have the opportunity to earn college credit through this course. 2 TBCC credits CG 130.***

HEALTH OCCUPATIONS 2

Grades: 11-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: "C" or better in Health Occupations 1 and Instructor approval

Health Occupations II is a more extensive exploration of the healthcare industry through job shadow experiences in a variety of healthcare settings and hands-on healthcare procedures that will be used as healthcare professionals. Additionally, students will learn and practice basic healthcare skills that are common to most health care professions such as: taking vital signs, safety and infection control procedures, first

aid/CPR. There are often opportunities to participate in community service projects or activities. Students will receive certification for *Heartsaver* First Aid and Emergency Care certification and Healthcare Provider Level CPR/AED certification. ***Students have the opportunity to earn college credit through this course. 1 TBCC credit HE 110 & 1 Credit HE 112.***

MEDICAL TERMINOLOGY

Grades: 11-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: none

This course analyzes the structure of medical words and applies this information to basic anatomy, physiology and disease processes of the human body, stressing spelling and pronunciation. Sessions cover prefixes, suffixes, root words, abbreviations, symptoms, pathophysiological conditions, and procedure terms. Medical Terminology is a required course for various Allied Health programs and is very helpful for students prior to taking college level Anatomy and Physiology courses. ***Students have the opportunity to earn college credit through this course. 4 TBCC credits MP111.***

PHLEBOTOMY

Grades: 12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Medical Terminology, Health Occupations I and II. Students may take Health Occupations II and Phlebotomy in the same trimester. Students must pass the Health Occupations courses with a "C" or better in Health Occupations courses and Medical Terminology.

This course will include skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children and infants. Nonblood specimen collection practices and medical and legal ethics as they relate to phlebotomy services are also taught.

Students who successfully complete this course may have the opportunity for a summer phlebotomy clinical which will allow them to take the NHA exam for certification.

Career and Technical Education

Health-Care Career Pathways

HUMAN ANATOMY AND PHYSIOLOGY - (A Survey of)

Grades: 11-12

Length of Course: 1 trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

Survey of Human Anatomy and Physiology is a non-lab one trimester course. Course content presents a rational and systematic observation of the human body and allows identification, description and discussion to create a basic understanding for students interested in the Basic Health Care certificate, or anyone interested in a basic understanding of how the human body works. Topics include body organization, basic chemistry, cell structure and function, tissues, and an overview of the major body systems. ***Students have the opportunity to earn college credit through this course TBCC BI100 4 credits***

HE 250 – PERSONAL HEALTH

Grades: 11-12

Length of Course: Trimester

Grad Requirement: FA/Career/Tech or HE

Prerequisite: Instructor approval. Priority is given to students who are taking courses in the Health Occupations career pathway, or students planning on taking post-secondary bachelor degree programs. ***This course also counts as the 11th grade high school health credit.***

This **Personal Health** course will explore current general health issues in emotional health and stress, physical fitness, nutrition, human sexuality, communicable and degenerative diseases, and drugs from a wellness perspective. ***Students have the opportunity to earn college credit through this course. 4 credits TBCC HE250.***

Career and Technical Education

Multimedia

COMPUTER GRAPHICS FOR MULTIMEDIA – Photoshop

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

This course develops skills using multimedia industry standard software to create, edit, and optimize graphic images for use in multimedia and interactive computer applications such as video games and web pages. This course explores graphic creation, color corrections, and compositing images for use in presentations and on the web. This course primarily focuses on the use of Adobe Photoshop. ***Students have the opportunity to earn college credit through this course. 4 Credits PCC MM230***

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.

VIDEO EDITING – COMPUTER GRAPHICS

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

This course explores the use of video editing software to create digital videos. Students will learn non-linear editing techniques used in professional digital video studios to create professional looking videos for use in multi-media presentations and on the web. This course focuses on industry standard editing techniques to develop a foundation in basic editing. Students will be required to produce, edit, and post one video for this course.

VIDEO EDITING II – COMPUTER GRAPHICS

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Video Editing I

This course continues to develop skills using multimedia industry standard graphic software to create, edit, and optimize graphic images for use in multimedia and interactive computer applications. This course explores graphic creation, use of color, image correction, and composing of multiple graphics for use in multimedia presentations and other multimedia formats such as video. ***Students have the opportunity to earn college credit through this course. 4 PCC credits MM260***

Career and Technical Education

Multimedia

GAME DESIGN

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: None

Required: Portable storage device such as USB hard drive or 8 GB flash drive required

This course includes 40-60 hours of material focusing on game design. Students will learn about common game design tactics, logic, game theory, and methodologies for making a game fun and engaging while building and editing their own games. Students are required to complete a final project to successfully finish the course.

VIDEO GAME PROGRAMMING

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Video Game Design or Instructor Approval

Required: Portable storage devices such as USB hard drive or 8 GB flash drive required

This course includes 60-80 hours of material focusing on video game programming. Students with no previous programming experience will develop programming skills through practical code exercises using the industry standard IDE Visual Studio. Students will also be introduced to the Unity IDE to develop a game project using online tutorials to guide development. The course grade is determined by successfully completing a trimester long game project using Unity. Project will be determined by student and Instructor within the first two weeks of the course. Each student will have a deliverable product by course end in order to show outcome proficiencies.

MULTI-MEDIA CAPSTONE PROJECT - A and B

Grades: 11-12

Length of Course: 3 Trimesters – A
3 Trimesters - B

Credits earned: 1.5 - A; 1.5 - B

Grad Requirement: FA/Career/Technical

Prerequisite: Teacher approval

This is an advanced production course for those students who have taken Video Editing I & II and Graphics for Multimedia and want to continue to develop multimedia skills using narrative storytelling and graphic design. There will be an emphasis on writing dialogue, sound recording, advanced shooting, directing, with a focus on editing techniques with more critical attention to detail when producing films. Students will be required to study one or two directors and understand how they use editing in their final productions.

Students focusing on multimedia will learn advanced techniques using Photoshop, Illustrator, and In Design. Students will complete advanced tutorials provided by the instructor to enhance design knowledge and use of design software. Students will actively seek out opportunities to complete graphic design projects for community members, school clubs, and organizations. Students will work on creating a portfolio in their senior year to assist with applications for employment and college design programs.

Career and Technical Education

Multimedia

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.

YEARBOOK PRODUCTION

Grades: 10-12

Length of Course: 3 trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: Recommendation only; apply with Mr. Gilham

Yearbook is a year-long production class that relies on a variety of skills. Students learn how to produce a publication in a student-directed and self-motivated environment. Team members will learn the journalistic skills necessary to produce a publication, including interviewing, writing, editing, photography, and graphic design. Business skills essential to this class are marketing, direct sales, attention to detail, accuracy, organization, and the ability to meet deadlines while being a team player.

Our job is to meet the needs of our customers (in this case, the THS student body, staff, and members of the community) while meeting the expectations of our publisher, editors, and advisor. The Yearbook is the number one student created product that every student will keep long after they have graduated high school. It is not just the accumulation of all the work the yearbook staff has completed, but a record of every students' years at school. Committed Yearbook staffers must be willing and able to do all of the following: attend and take photos at a minimum of five after-school activities or games each trimester, participate in fundraising efforts, sell business ads, conduct interviews, write feature stories and captions, and meet DEADLINES.

Yearbook can be a fun class, but keep in mind that this is our business, and accuracy, dedication, reliability, and punctuality are a must.

Career and Technical Education

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.

NATURAL RESOURCES Water (A)

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Successful Completion of Physical Science A & B; Biology/Honors Biology highly recommended.

Natural Resources A will cover aquatic ecosystems, focusing on the biomes, their makeup, organisms, factors influencing them, conservation, and current issues affecting them. Students will learn to collect and analyze data and apply that information to predict changing conditions and outcomes in the related biomes. This course will include field studies and projects related to the course material covered in class. Field trips are a required part of this course.

NATURAL RESOURCES FORESTRY (B)

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Successful Completion of Physical

Science A & B; Biology/Honors Biology highly recommended.

Natural Resources B will cover Forestry and terrestrial ecosystems. This course will cover the Forest Practices Act and how it related to conservation of natural resources including forests resources, wildlife, and water. Students will learn to collect and analyze data using current forestry tools. Then students will apply that information to predict changing conditions and outcomes related to forest resources. Field trips are a required part of this course.

Note: *It is possible to enroll in Natural Resources B without first taking Natural Resources A.*

ENVIRONMENTAL SCIENCE - ADV. NATURAL RESOURCES WATER

Grades: 11-12; or 10 with instructor approval

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Successful Completion of Natural Resources A

Advanced Natural Resources is a continuation of the Natural Resources class. Students will develop an understanding of environmental topics that are primarily biological in nature, including human population issues, matter and energy resources, ecosystems, environmental ethics, and food and land resources. The associated laboratories will illustrate these topics and field studies will reinforce the concepts learned in class. Field trips are required for this course. ***Students have the opportunity to earn college credit through this course. TBCC ESR 171 4 Credits.***

Career and Technical Education

Natural Resources

INTRO TO FORESTRY – ADV. NATURAL RESOURCES FORESTRY

Grades: 11-12; or 10, with instructor approval

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Successful Completion of Natural Resources B

Advanced Natural Resources is a continuation of the Natural Resources class. This course covers forest resources in the world; forests and human well-being; where and how forests grow; environmental and human values; products, characteristics, and uses; basic elements of use, planning and management of forests; Interpretation of forestry literature; and professional origins of forestry in the United States will also be discussed. Field trips are required for this course.

Students have the opportunity to earn college credit through this course. TBCC Forestry 111 4 Credits.

INTRO TO MANUFACTURING AND HARVESTING

Grades: 11-12; or 10, with instructor approval

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Natural Resources Forestry (B)

This class is a continuation of Natural Resources Forestry where different types of wood manufacturing will be explored along with the forest management techniques allowing that product to be made. The class will study such things as cross laminated lumber, plywood, pole production as well as stud and dimensional lumber production. The course will visit mills outside of the Tillamook area as well as forest stands that supply these mills comparing and contrasting management styles and goals. Field trips are required for this course.

FIELD EXPERIENCE - NATURAL RESOURCES 1 & 2

Grades: 11-12

Length of Course: Trimester each

Grad Requirement: SC

Prerequisite: Advanced Natural Resources A & B

This is a continuation of Advanced Natural Resources. Field experience will include independent research, class field work, class projects and group research in the Tillamook area along with providing leadership to the Advanced Natural Resources and lower grade classes in the district. Field trips are required for this course. An Independent research project in the field of Natural Resources will be part of this course partnering the student with a local mentor in the field they wish to pursue.

WORK EXPERIENCE - NATURAL RESOURCES 1 & 2

Grades: 11-12

Length of Course: Trimester each

Grad Requirement: SC

Prerequisite: Pre-approval from the Natural Resources Teacher

Designed for those working on either summer work crews or employment during the school year in a job related to Natural Resources. Work Experience is a field-based education program that takes place in an on-the-job setting. It exposes students to situations, equipment, and methods not available on campus. Students are eligible for Work Experience whether their job is paid or unpaid; they are responsible to provide their own employment (the Program Coordinator will provide suggestions, as needed). Requirements to successfully pass this class are: 1) be employed the full duration of the trimester and work 70 hours per trimester for each period(s) in which the student is enrolled or complete the full term of the summer work crew hired for; 2) submit permission forms and time tracking sheets as assigned; and, 3) have satisfactory employer evaluations. Students must meet with the Natural Resources Teacher at the beginning of each trimester or prior to starting work on one of the summer work crews to obtain a Work Experience folder containing all permission forms and hour tracking sheets.

Arts Department

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.

ART 3/4

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Art 1 and 2

Students will expand on their drawing, painting, printmaking and sculpture skills through the use of a variety of mediums. Students will have the opportunity to learn how to use the pottery wheel, keep a sketchbook and portfolio and will be required to make

at least one gallery or museum visit during the course of the trimester. This course assumes participation in exhibitions, critiques, and field trips. Projects may include (but are not limited to) pastel, acrylic, airbrush, block printing, screen printing, wheel-thrown pottery, and stone-carving.

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.

PORTFOLIO PREPARATION

Grades: 10-12

Length of Course: Trimester

Grad Requirement: FA/Career/Technical

Prerequisite: Art 1, 2 and 3 (instructor recommendation required)

This course is for the serious art student preparing for college or career entry. Students will design their course of study by choosing a concentration to explore and creating an original body of artwork. Students will be expected to work independently and keep a constantly updated sketchbook and portfolio. Students will be required to meet with the instructor on a regular basis to discuss their success and where they have room for development. Students will be expected to make at least one gallery or museum visit during the course of the trimes

Language Arts Department

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,

ENGLISH 10

Grades: 10

Length of Course: 3 Trimesters

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

Prerequisite: English 9

This class will focus on reading, writing, and speaking skills that aim to help students think critically and communicate effectively. Trimesters 1 and 2 will include instruction in literary analysis and techniques for persuasive writing. Students will read a variety of texts throughout the year, and these will include stories, plays, and nonfiction selections from different cultures. Daily grammar practice will enable students to become familiar with the fundamental structural elements of the English language.

10th Grade: Creative Writing Lab

In this class, students will explore the writing process as it exists for all forms of creative writing: narratives, poetry, etc. This will require students to engage in many stages of writing, including drafting, peer-editing, and presentation of their work. With an emphasis on figurative language, creative diction, and thoughtful structure, students will end the trimester having produced a portfolio of beautifully crafted writing.

HONORS ENGLISH 10

Grades: 10

Length of Course: 2 trimesters

Grad Requirement: LA

Prerequisite: English 9

Honors English 10 covers reading, writing, and speaking. In writing and speaking tasks, students will be evaluated on their ideas and content, organization, sentence fluency, conventions, voice, word choice, citations, and presentation. Reading selections will include poetry, short stories, novels and plays. Literacy elements will be addressed; the authors' techniques analyzed, and discussions over the significance of the pieces will be conducted. A multi-cultural section encourages students to look at different cultures.

10th Grade: Creative Writing Lab

In this class, students will explore the writing process as it exists for all forms of creative writing: narratives, poetry, etc. This will require students to engage in many stages of writing, including drafting, peer-editing, and presentation of their work. With an emphasis on figurative language, creative diction, and thoughtful structure, students will end the trimester having produced a portfolio of beautifully crafted writing.

Language Arts Department

ENGLISH 11

Grades: 11

Length of Course: 2 Trimesters

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

Prerequisite: English LA -2 trimesters; EL – 1 trimester 10

English 11 is a literature based course which focuses on works and writers from a variety of genres and eras. Students read, analyze, evaluate, critique, and actively respond to the works being studied. Through the close reading of selected texts, students deepen their understanding of the ways writers use language, plot and character development, as well as literary techniques to provide meaning, share their philosophies, and reveal their view of the society and the issues of their time.

11th Grade: Writing Lab Career and College

This class will focus on writing skills and tasks that will help students prepare for future success in the career or college path of their choosing. The writing in the course will be divided into three distinct units. The first unit will focus on writing skills required for various graduation requirements and placement exams such as the senior project, SBAC, SAT, ACT, and ASVAB. The second unit will focus on practical professional and academic tasks such as memos, resumes, cover letters, and admissions essays. The final unit will be a culminating writing project driven by individual students' interests and post high school plans.

AP ENGLISH LITERATURE AND COMPOSITION

Grades: 11

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

Grad Requirement: LA

Prerequisite: English 10 and successful completion of the summer assignment.

Fees: \$20; \$63 for AP test; \$50 novel fee, \$0 for students on Free/Reduced lunch. (Subject to change)

Advanced Placement English Literature and Composition is a rigorous college-level course designed to engage students in the careful reading and critical analysis of literature and rhetorical theory. Through close analysis of selected texts from various genres and periods, students consider the way a writer's use of language impacts a work's overall structure, style, and theme. There is a summer literature analysis assignment that

must be completed in order to start the course in the fall. To receive college credit, students must pass the AP test at the end of the year. This course receives weighted credit on the high school transcript. Students must finish the first and/or second trimester with a C or better in order to remain in the class.

ENGLISH 12

Grades: 12

Length of Course: 2 Trimesters

Grad Requirement: LA

Prerequisite: English 11

English 12 is a literature based course which focuses on works and writers from a variety of genres and eras. Students read, analyze, evaluate, critique, and actively respond to the works being studied. Through the close reading of selected texts, students deepen their understanding of the ways writers use language, plot and character development, as well as literary techniques to provide meaning, share their philosophies, and reveal their view of the society and the issues of their time. Students will be asked to look at themselves, establish what they value, and create their own philosophies for living purposeful lives. Students write in a variety of modes and forms, using a multi-step writing process that includes reflection on and evaluation of their own writing. Preparing for the next step of their education and/or career, one writing task that all seniors will participate in is writing a personal statement and/or responding to a college entrance prompt.

ENGLISH 104 and 105 – College Credit

Grades: 12

Length of Course: 1 Trimester each

Grad Requirement: LA

Prerequisite: Test into WR 121, MTH 60, and college reading.

ENG 104: Enhances enjoyment of various forms of fictional prose, increases understanding of the conventions of fiction and various forms of storytelling, and encourages exploration of the diversity of human experience. ***Students will earn college credit through this course.***

Language Arts Department

Only when Available: not in 20-21

ENG 105: Enhances enjoyment of plays as literature, including tragedies and comedies; increases understanding of the conventions of drama and the theater; and encourages exploration of the diversity of human experience. Students must receive a C or better in ENG 104 in order to continue on with ENG 105.

Students will earn college credit through this course.

WRITING 121 – College Credit Course

Grades: 12

Length of Course: Trimester

Grad Requirement: LA

Prerequisite: Test into WR 121, MTH 60, and college level reading

This class focuses on academic writing as a means of inquiry. Uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness and formulate positions. Emphasizes development of a variety of strategies to present evidence in support of a thesis. ***Students will earn college credit through this course.***

WRITING 122 –College Credit Course

Grades: 12

Length of Course: Trimester

Grad Requirement: LA

Prerequisite: WR 121, MTH 60, and college level reading

WR 122 continues the focus of WR 121 in its review of rhetorical concepts and vocabulary, in the development of reading, thinking, and writing skills, along with metacognitive competencies understood through the lens of a rhetorical vocabulary. Specifically, students will identify, evaluate, and construct chains of reasoning, a process that includes an ability to distinguish assertion from evidence, recognize and evaluate assumptions, and select sources appropriate for a rhetorical task. Students will employ a flexible, collaborative, and appropriate composing process, working in multiple genres, and utilizing at least two modalities. They will produce a minimum of 4500 words of revised, final draft copy.

Prerequisite: WR 121.

SPEAK UP!

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None for high school credit; test into Math 20, RDG/WR 115 for college credit

This unique class gives students the chance to write and speak about topics they care about. The class is split into four separate three-week units, and each unit will finish with students giving a speech that fits into a certain genre. Some speeches are informative or persuasive; others are funny and light-hearted. Students spend time writing and researching each speech in class—so there is little outside-of-class writing involved—and students will get to choose the topics they write about. The class will give students powerful strategies to help them speak confidently in front of others, and it will also help them become stronger writers (fun fact: nearly every student in last year’s class said they felt the class significantly helped them improve their writing). Too often in life we aren’t given the chance to speak publicly about issues we care about. This class will offer students that chance; the chance to speak up! ***Students have the opportunity to earn college credit through this course. 4 TBCC credits COM 111***

Physical Education & Health Department

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.

PHYSICAL EDUCATION 2

Grades: 10

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.

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.

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.

AMD - ATHLETIC MOVEMENT AND DEVELOPMENT

Grades: 11-12 (grades 9-10 allowed if already taken Intro to AMD)

Length of Course: Trimester (can be taken an unlimited amount of times)

Grad Requirement: EL

Prerequisite: PE 1

This class will educate students on all components of muscular strength, conditioning, muscular endurance, flexibility and spatial awareness/balance which will develop body strength, endurance, and quickness. This will also help guide students to improve their own physical fitness, and will educate students on anatomy and physiology and how it applies directly to strength and conditioning.

Physical Education & Health Department

COMPETITIVE PE GAMES (not offered in 20-21)

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: PE

This course is designed to equip students with the understanding of various team games, rules, techniques, safety and knowledge of the human body, and overall fitness strategies. Students will understand the importance of teamwork and cooperation. No fitness testing will be performed during this course.

PE 182 - GROUP FITNESS

Grades: 11-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: PE 1 and PE 2

Promotes fitness, health, and overall wellness through structured group fitness classes. Introduces knowledge and skills needed to perform safe and proper group fitness exercises. Emphasizes improved cardio-respiratory conditioning, muscle strength and endurance, flexibility, and/or body composition. ***Students will earn college credit through this course.***

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.

HEALTH 2

Grades: 11

Length of Course: Trimester

Grad Requirement: HE

Prerequisite: Health 1

This course considers the concept of “health” at both the individual and global level by exploring the connection between an individual’s lifestyle choices and their impact on the larger world of work and service. Health 2 is designed to promote greater awareness, understanding and ownership of the multiple dimensions of health and well-being. This course provides students with a holistic approach to understanding self and community through a health focus. Topics include: nutrition, disorders, physical activity, human sexuality, and stress management.

HE 250 – PERSONAL HEALTH

Grades: 11-12

Length of Course: Trimester

Grad Requirement: FA/Career/Tech or HE

Prerequisite: Instructor approval. Priority is given to students who are taking courses in the Health Occupations career pathway, or students planning on taking post-secondary bachelor degree programs. ***This course also counts as the 11th grade high school health credit.***

This **Personal Health** course will explore current general health issues in emotional health and stress, physical fitness, nutrition, human sexuality, communicable and degenerative diseases, and drugs from a wellness perspective. ***Students have the opportunity to earn college credit through this course.3 TBCC credits HE 250.***

Math Department

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.

MATH INTERVENTION

Grades: 9

Length of Course: 1-2 Trimesters

Grad Requirement: EL - .5 credit

Prerequisite: Instructor placement

Support class for students needing additional math instruction for Algebra I curriculum. Students are placed based on math performance and assessments by the math department.

GEOMETRY

Grades: 9-12

Length of Course: 2 Trimesters

Grad Requirement: MA

Prerequisite: Algebra 1 with “C” or better

This course is designed to introduce students to rigorous deductive and inductive reasoning through Euclidean Geometry. This course is heavily supported by a student's basic Algebra skills which are used when discussing Geometric properties represented by algebraic relationships. Geometry focuses on congruence and similarity, and Instruction will include materials from Eureka Math. Assessment will include performance tasks, daily work, summary sheets, tests and quizzes.

HONORS GEOMETRY NOT Offered in 20-21

Grades: 9-12

Length of Course: 2 Trimesters

Grad Requirement: MA

Prerequisite: Algebra 1 with “C” or better

This course is a college prep class designed to explore and expand student's knowledge in Euclidean Geometry beyond the level of the normal geometry course. The student will demonstrate proficient knowledge in basic Algebra skills which will be used when discussing Geometric properties represented by algebraic relationships. Assessment for this course will include daily assignment, quizzes, tests, and problem solving tasks.

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 Department

PRE-CALCULUS A

Grades: 11-12

Length of Course: 1 Trimester

Grad Requirement: MA

Prerequisite: Algebra 2

This is a college prep class modeled after Math 95. Student's work is focused on rational expressions and exponents and will prepare students who are planning on taking Math 111. Assessment in this course includes homework, quizzes, tests, and summary sheets.

PRE-CALCULUS B need description

Grades: 11-12

Length of Course: 1 Trimester

Grad Requirement: MA

Prerequisite: Algebra 2 & Pre- Calc A

This is a college prep class which focuses on right and non-right trigonometry including the unit circle. Assessment in the course includes homework, quizzes, and tests.

MATH 111/MATH 112

Grades: 11-12

Length of Course: 2 Trimesters

Grad Requirement: MA

Prerequisite: Pre Calculus A/test into MTH 111

Math 111: Relations and functions are investigated graphically, numerically, symbolically, and verbally. Exponential, logarithmic, polynomial, power, and rational functions are explored. Special topics include systems of linear and non-linear equations. Applications are investigated from science and engineering perspectives. Technology is integrated throughout the course. Students communicate results in oral and written form. Graphing calculator required. *Students will earn college credit through this course.* This class will provide five college credits.

Math 112: This is an upper-division math class that considers trigonometric functions symbolically, graphically, as well as being applied to real-life situations. In addition, complex numbers and polar coordinates will be studied. Applications are

investigated from science and engineering perspectives. Technology is integrated throughout the course. Students communicate results in oral and written form. Graphing calculator required. *Students will earn college credit through this course.* This class will provide five college credits.

AP CALCULUS

Grades: 11-12

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

Grad Requirement: MA

Prerequisite: Successful completion of Pre-Calculus or Math 111/112 and/or teacher recommendation

College credit available:

AP Calculus A – 4 OIT credits: MTH 251

AP Calculus B – 4 OIT credits: MTH 252

AP Test Fees: \$20; \$63 for AP test; \$0 for students on Free/Reduced lunch

The first half of AP Calculus/MTH 251 is the study of limits, derivatives (which include instantaneous rates of change and the slope of the tangent line to a curve), and application of derivatives such as related rates and applied optimization. The second half of AP Calculus/MTH 252 is the study of the antiderivative or integration, slope fields, the fundamental theorem of Calculus, and the application of integration such as area, volume and work. *Students have the opportunity to earn college credit through this course. 8 OIT credits MTH 251 and MTH 252*

Music & Performing Arts Department

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.

Music & Performing Arts Department

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 cappella. 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.

Science Department

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.

GENERAL BIOLOGY

Grades: 10

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Physical science recommended; required for all sophomores

This is a course where students learn about the living world through a variety of activities, class discussions, lectures, labs, and student-led inquiries. Topics include ecology, molecular biology, cell structure and function, genetics, evolution, and plant and animal classification. The course closely follows NGSS and state science standards, while giving students a regional perspective on many biological topics.

HONORS BIOLOGY

Grades: 10

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Completion of Physical Science with a B or better or with teacher recommendation, and completion of Algebra I.

Honors Biology covers the same topics and material as general biology but with more depth and detail. Additional topics may be covered based on current scientific research and discoveries, as well. Reading comprehension and writing will be a major part of this course, as students will be expected to find, review, and discuss articles related to the topics we cover in class on a weekly basis. Oregon plant and animal classification and identification, along with field studies methods, will also be emphasized in the honors course.

Students must finish with a grade of C or better in trimester 1 in order to continue on into trimester 2.

Science Department

ASTRONOMY

Grades: 10-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Physical Science A or Honors Physical Science A

The study of astronomy is the study of the universe. From the history and development of astronomy, the basics of cosmology, to understanding our place in our solar system and the Milky Way, we will explore the constellations visible from your backyard, and look back in time to see light from stars that died before the dinosaurs walked on Earth. Using lectures, presentation, and interactive projects, we will learn the stories of heroes memorialized in the constellations, and how we know about planets orbiting distant stars, we will be in the words of the astronomer Carl Sagan, "Star stuff, contemplating the stars."

MARINE BIOLOGY

Grades: 11-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Successful Completion of Biology A & B/ Honors Biology A&B and Instructor Approval

This course is designed for students with an interest in marine biology and oceanography by providing an excellent background for students who are interested in further study of the oceans and the organisms that inhabit it. The course will incorporate information and activities in the following areas: 1) The Marine Environment: The abiotic (geological, physical and chemical) environment that surrounds marine organisms and relates to their functions and habits; 2) Marine Diversity: A survey of marine organisms, including algae, plankton, invertebrates, fish, and marine mammals. In addition to those in Oregon, we will survey organisms in the deep sea, Arctic, Antarctic, and coral reefs; and 3) Marine Ecology: A survey of the major coastal and pelagic marine communities and human interaction with the marine world. Laboratory activities, including the examination of marine specimens are utilized throughout this course to build upon student knowledge. Field trips to intertidal areas allow students to experience concepts they have studied in the classroom. ***Students can earn college credit through this course. Clatsop Community College 4 credits BIO 143***

PHYSICS A & B

Grades: 11-12

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Completion or Concurrent enrollment in Pre-Calculus, or completion of Algebra 2 along with teacher recommendation.

Students in this course will examine the following physics topics: mechanics, electricity & magnetism and wave motion. An emphasis is placed on a mathematical understanding of the physics principles that are presented. Coursework involves laboratory activities, in class assignments and formal assessments that require students to demonstrate problem solving skills in the context of a science scenario.

CHEMISTRY A & B

Grades: 11-12

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Successful Completion of Algebra 1 and Physical Science B

Why does that medicine fizz when you drop it in water? Why does the chair hold you up when you sit on it? Why does your favorite beverage taste so good? Chemistry is all around us in our daily lives. Chemistry not only teaches you how to be safe cleaning your home, but prepares you to be the best thinker and problem solver you can be. This two trimester laboratory chemistry course is important for anyone looking to go to college, trade school or other post-high school training. It offers a solid understanding of the fundamental concepts of chemistry. Problem solving is presented logically one step at a time, with sample solutions to all types of chemistry based interactions and problems. Concepts are demonstrated with hands-on laboratory experiments increasing learning and enjoyment. Find out why those beautiful goggle lines are all the rage!

Science Department

CHEMISTRY C

Grades: 11-12

Length of Course: Trimester

Grad Requirement: SC

Prerequisite: Completion of Chemistry B with a C or higher.

This is the chemistry EVERYONE wants to take! This all lab class takes the concepts learned in Chemistry A & B and puts them into practice exploring reactions and how they apply to jobs in the world around us! Be a forensic scientist and solve the crime, be the engineer and improve the product, or find the next great chemical discovery with your own independent research lab activity.

SCIENCE RESEARCH A & B

Grades: 9-12

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Physical Science A & B or teacher recommendation

Students come with ideas about real world problems that they want to solve. Over the course of 1 or 2 trimesters the student will do background research, contact community members with expertise, design an experiment, carry it out, analyze their research, write a research report, create a professional presentation of their findings, and present their project (to the instructor, community science coaches, or others with knowledge of their project). Students should plan to submit their project to the regional science fair in March. Students have the potential to earn additional honors credit if their project advances to the next science fair and they present it again. This class requires students to be highly self-motivated and to be willing to commit time outside of class on a regular basis. The role of your instructor is to help guide your research process, to provide feedback, to train you in the use of equipment, to help you develop your professional presentation tools, and to link you up with people and organizations in the community that are relevant to the project you choose. They will not be telling you what project to do, or doing the research for you. You will be expected to meet strict deadlines, and to participate in the regional science fair that takes place on a weekend, typically in early March.

RESEARCH SCIENCE II

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Research Science I and teacher Approval

Research Science is an advanced science class focusing on experimental design, data and interpretation. Students will learn to use and care for a wide range of instrumentation and protocols while investigating topics from chemistry, physics, biology, geology, agriculture, astronomy and biotechnology. Accuracy and precision are covered as well as mathematical conversions and various forms of notation. Mathematical relationships between variables are explored and graphed. Statistical Analysis of data is emphasized. All students will carry out an original independent research project to be prepared for the International Science and Engineering Fair. The difference between levels I, II and III is the increasing complexity of the research project undertaken by the student and the amount of mathematical analysis completed. This class is held before school (6:00 a.m.) or after school (3:00 p.m.), at the discretion of the teacher.

RESEARCH SCIENCE III

Grades: 11-12

Length of Course: 2 Trimesters

Grad Requirement: SC

Prerequisite: Research Science II and Teacher approval

Research Science is an advanced science class focusing on experimental design, data and interpretation. Students will learn to use and care for a wide range of instrumentation and protocols while investigating topics from chemistry, physics, biology, geology, agriculture, astronomy and biotechnology. Accuracy and precision are covered as well as mathematical conversions and various forms of notation. Mathematical relationships between variables are explored and graphed. Statistical Analysis of data is emphasized. All students will carry out an original independent research project to be prepared for the International Science and Engineering Fair. The difference between levels I, II and III is the increasing complexity of the research project undertaken by the student and the amount of mathematical analysis completed. This class is held before school or after school, at the discretion of the teacher. Emphasis on contact with scientists in fields and at universities. Peer reviewed articles are discussed weekly.

Social Science Department

WORLD STUDIES

Grades: 10

Length of Course: 2 Trimesters

Grad Requirement: SS

Prerequisite: None

This course will cover world history, geography, civics, and economics of the countries of the world. Emphasis will be placed on causes and results of events, and the relationship of events in the past to events occurring today. Interdependence of universal and world regions will be discussed.

HONORS WORLD STUDIES

Grades: 10

Length of Course: 2 Trimesters

Grad Requirement: SS

Prerequisite: Honors English 9 or teacher approval

This course will cover world history, geography, civics, and economics of the countries of the world. Emphasis will be placed on causes and results of events, and the relationship of events in the past to events occurring today. Global interdependence of world regions will be discussed. This is an honors level course with emphasis on content literature, writing, and topical inquiry.

UNITED STATES HISTORY

Grades: 11

Length of Course: 2 Trimesters

Grad Requirement: US

Prerequisite: None

This course will cover the history of the United States from the Progressive Era to the present. Emphasis will be placed on causes and results of historical events and the relationship of events in the past to events occurring today.

HONORS UNITED STATES HISTORY

Grades: 11

Length of Course: 2 Trimesters

Grad Requirement: US

Prerequisite: Honors English 10 or teacher approval

This honors level survey of U.S. History covers the period of time from 1890 to present. This two trimester course is an advanced in-depth study analyzing the historical people, philosophies, issues, and events of the

United States using varied primary and secondary based sources. This Honors level course will be instructed as a college preparatory opportunity. Students will be expected to perform and produce at a higher level. Students must finish with a grade of C or better in trimester 1 in order to continue on into trimester 2. This course fulfills the U.S. Studies requirement for graduation.

GOVERNMENT

Grades: 12

Length of Course: Trimester

Grad Requirement: GV

Prerequisite: None

This course enables students to become life-long learners in the citizenship skills needed in an ever changing world. Students will spend the semester in a detailed study of democracy and the inner-workings of the U.S. Government.

AP GOVERNMENT

Grades: 12

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

Grad Requirement: 2 tri's – EL; 1 tri - GV

Prerequisite: Previous Honors/AP experience and/or instructor approval

Fees: Fees: \$20; \$63 for AP test; \$0 for students on Free/Reduced lunch

AP Government is a rigorous year long course that goes into greater depth and understanding into the workings and philosophies of government. Students are ultimately preparing to take the AP exam at the end of the course for college credit. Students successfully completing this course will: 1) know important facts, concepts, and theories pertaining to US government and politics; 2) understand typical patterns of political processes and behavior and their consequences; 3) be able to analyze and interpret basic data relevant to US government and politics; 4) and be able to critically analyze relevant theories and concepts, apply them appropriately, and develop their connections across the curriculum. Students must maintain a C or better in the first trimester in order to qualify for the 2nd trimester and 3rd trimester (**with trimester 3 fulfilling the required Government credit**).

Social Science Department

ECONOMICS

Grades: 12

Length of Course: Trimester

Grad Requirement: EC

Prerequisite: None

Students are introduced to economic terminology. From this understanding the student can relate to individual, business and national issues. The role of the individual as consumer is tied to theories of economics and how different economic systems answer the basic questions of all societies.

ECONOMICS 202

Grades: 12

Length of Course: Trimester

Grad Requirement: EC

Prerequisite: Placement into WR 121, MTH 60 and not be required to take college level reading courses based on placement test.

This is a college level dual enrollment course that covers the study of whole economies--the part of economics concerned with large-scale or general economic factors and how they interact in economies. Some study of microeconomics and macro related economic philosophies will also be pursued. What is GDP? Why does the economy boom and bust? How is the government involved? And more.

Students will earn college credit through this course. 4 Credits TBCC ECON 202.

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.

PSYCHOLOGY

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Ever wonder what makes people tick? Psychology just might have the answers you're seeking! If it doesn't you'll enjoy the journey of discovering how your experiences and your environment affect your perceptions and behaviors. From psychoanalysis, dreams, deviancy, fears, and phobias, to the "shadow-self", "psycho-drama", and "multiple personalities", Psychology has you covered, interested?

Social Science Department

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.

PACIFIC NORTHWEST STUDIES

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

This course will focus on the geography, history, politics and natural wonders of the Pacific Northwest; mainly focused on Oregon, Washington and Idaho. The Pacific Northwest is undoubtedly one of the most amazing places in the world. Home to sheer natural beauty in the form of rugged Ocean coastline, extreme mountain ranges and river valleys, it's also home to major cities, and farmland that rates among the finest on earth. Its history is one of exploration into the unknown, and also rich in Native American culture. If you have ever wanted to know more about the part of the world you live in, this is your course.

World Languages Department

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

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.

SPANISH 3

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: FA/Career Technical

Prerequisite: Spanish 2

Optional 4 WOU credits in Spanish 102

Spanish 3 is designed to help students develop linguistic proficiency in Spanish and cultural sensitivity. The program seeks to broaden students' communication skills, increase confidence, and teach students about Spanish speaking countries and different cultural traditions. Students will reinforce the grammar and vocabulary they learned in Spanish 1 and 2, as well as learn about the more complex structures of the language. Students will be graded on class participation, weekly grammar and vocabulary tests, workbook activities, and projects.

SPANISH FOR HERITAGE LANGUAGE LEARNERS 1 and 2/Spanish 4

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: FA/Career/Technical

Prerequisite: Be a Heritage Language Speaker or Spanish 3: Optional 4 WOU credits in SPAN 102

Transfer students may have to take a placement test given by the Spanish Department. Spanish for Heritage Language Learners is designed to give students who speak Spanish as a native language an opportunity to learn grammar and vocabulary, as well as opportunities to read, write, and speak in their native language. Students will read authentic material in Spanish and have opportunities to develop advanced language skills by creating dialogues, video projects, and interviews in Spanish. Ipads will be used in this course to record videos, work on pronunciation, and practice grammar and vocabulary. Students will learn about the different cultural traditions of Mexico and other Spanish speaking countries. This course is designed to be an entry level Spanish class for Spanish speakers. The class will complement what students will learn in Spanish for Native Speakers 2

SPANISH FOR HERITAGE LANGUAGE LEARNERS 1

I/Spanish 4

Abierto para los grados: 9-12

Español para Hispanohablantes 1: 1 credito

Prerequisito: Debe ser un hablante nativo de español o tener la aprobación del maestro. . Los nuevos estudiantes deben de tomar una prueba de nivel dado por el Departamento de Español

La clase de Espanol para Hispanohablantes esta disenada para dar a los estudiantes que hablan espanol como lengua maternal la oportunidad de aprender la gramatica, el vocabulario, asi como leer, escribir y hablar en su lengua maternal. Los estudiantes leeran material autentico en espanol y tendran la oportunidad de desarrollar ideas y opinions a traves de discusiones en el aula y proyectos de escritura. Los estudiantes tambien desarrollaran habilidades linguisticas avanzadas mediante el dialogo, proyectos de video y entrevistas en espanol. Ipads se utilizaran en este curso para grabar videos, trabajar en la pronunciacion y practicar la gramatica y el vocabulario. Los estudiantes aprenderan las diferentes tradiciones culturales de Mexico y otros paises de habla hispana. Este curso esta disenado para ser una clase de espanol de nivel inicial para los hispanohablantes. La clase va a complementar lo que los alumnos aprenderan en Espanol para Hispanohablantes 2.

Additional Courses

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.

PERSONAL FINANCE

Grades: 11

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: None

Required for all juniors

Understanding and managing personal finances are key to one's future financial success. This course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

EXCEPTIONAL CHILD

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Students will learn the disability categories of Special Education, starting with the history and laws, and then will apply that information in a practicum setting. Students will meet with specialists to learn what they do, education needed, and career opportunities associated with their specialty. Students will choose an area of concentration for additional research culminating in a final project.

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.

Additional Courses

WORK EXPERIENCE PROGRAM

Grades: 11-12

Length of Course: Two periods maximum per trimester

Grad Requirement: EL

Prerequisite: Must have a job

Work Experience is a field-based education program that takes place in an on-the-job setting. It exposes students to situations, equipment, and methods not available on campus. Students are eligible for Work Experience whether their job is paid or unpaid; they are responsible to provide their own employment (the Program Coordinator will provide suggestions, as needed). Requirements to successfully pass this class are: 1) be employed the full duration of the trimester and work 70 hours per trimester for each period(s) in which the student is enrolled; 2) submit permission forms and time tracking sheets as assigned; and, 3) have satisfactory employer evaluations. Students must meet with the Program Coordinator at the beginning of each trimester to obtain a Work Experience folder containing all permission forms and hour tracking sheets. This is a pass/fail class.

INTRO TO TEACHING

Grades: 10-12

Length of Course: 2 Trimesters

Grad Requirement: EL

Prerequisite: 2.75 GPA

The purpose of this course is to introduce high school students to the field of teaching and to the major concepts and tools for working with elementary or junior high school students. Students are exposed to four broad conceptual themes: teacher education and training, lesson planning and implementation, instructional strategies for diverse learners, and collaboration and peer tutoring including co-teaching strategies. A part of this course will include working with other students in a teaching role as a tutor, co-teacher, or aide within a classroom. Utilizing the proximity of all three elementary schools and the junior high school, this course will allow students to explore the field of education at a variety of grade levels.

PEER TUTOR - SPECIAL EDUCATION

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: Exceptional Child class and teacher approval

As peer Tutors, students will integrate with other students with disabilities, to act as role models and provide support and peer instruction. This is a pass/fail course.

PEER TUTOR - ENGLISH, MATH, SOCIAL STUDIES, SCIENCE

Grades: 10-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: signed recommendation form, B's or better in English

The peer tutoring program is a 1/2 credit course open for sophomores, juniors, or Seniors (Pass/Fail grading) and designed for a student to assist in the classroom in the following capacities. Students must have teacher permission to enroll in this course. Students will provide feedback to students on their work, support students who are struggling, assist students who have been absent, manage class procedures, often participate in class activities as a "model student" so other students can see what they should be doing, understand when technology is appropriate in the class setting, communicate with the teacher openly about student content mastery. This is a pass/fail course.

TEACHER/OFFICE/COUNSELING AIDE

Grades: 11-12

Length of Course: Trimester

Grad Requirement: EL

Prerequisite: Signed permission form from teacher or staff member is required.

Students will be accepted in the main office, counseling center, library, copy room, regular classroom and attendance office. Student Educational Assistants' duties will include filing, delivering notes, keeping information in order, answering phones, and other duties as requested, while maintaining a professional atmosphere. This is a pass/fail class. Some students may be able to leave campus and TA for a teacher at the elementary schools or junior high with special permission.

