TABLE OF CONTENTS

Graduation Requirements ……	**Page 3**
Index of Course Titles ……..	**Page 4**
College Credit Courses ……...	**Page 5**
Agricultural Sciences ……	**Pages 6-8**
Art Department ……..	**Pages 9-10**
Business Education ……..	**Page 11**
English Department ……..	**Pages 12-14**
Health and Physical Education Departments ……..	**Pages 15-17**
Health Sciences/Careers ……	**Pages 18-19**
Math Department ……...	**Pages 20-21**
Multimedia Department ……..	**Pages 22-24**
Music Department ……..	**Pages 25**
Science Department ……..	**Pages 26-29**
Natural Resources Program ……	**Pages 30-32**
Social Science Department ……..	**Pages 33-36**
Career Technical Education ……..	**Pages 37-39**
Spanish Department ……..	**Pages 40-41**
Additional Electives ……	**Pages 42-43**

Unit of Credit Requirements – Oregon Diploma

.5 or ½ credit = 1 trimester class/period. Most students get 9.0 credits in 1 school year (3 trimesters, 6 periods each)

Required Core Classes: Class of 2019, 2020, 2021 & 2022

	Class of 2019	Class of 2020	Class of 2021	Class of 2022
Language Arts	4	4	4	4
Math	3 **(Algebra 1 and above)**	3 **(Algebra 1 and above)**	3 **(Algebra 1 and above)**	3 **(Algebra 1 and above)**
Science	3	3	3	3
Social Science	3	3	3	3
Health Education	1	1	1	1
Physical Education	1	1	1	1
Fine Arts/Career Technical	3	3	3	3
Service Learning Project	.5	.5	.5	.5
Total Core Requirements	18.5**	18.5**	18.5**	18.5**

Graduation Year	Required Core Credits	Required Elective Credits	Total Credits Needed for Graduation
2019	18.5	7.5	26
2020	18.5	7.5	26
2021	18.5	7.5	26
2022	18.5	7.5	26

** In addition to these credits, students must show proficiency in the following essential skills: reading writing and 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.

INDEX OF COURSE TITLES

3D Printing and Design - pg. 39
Advanced Natural Resources - pg. 31
Advanced Woodworking - pg. 38
Ag Metals and Welding - pg. 7
Algebra 1 & 2 - pg. 20
Animal Science - pg. 6
Aerial Robotics – pg. 39
AP Calculus - pg. 21
AP English Literature - pg. 13
AP Government - pg. 34
Art 1-4 - pg. 9
Astronomy pg. 27
Athletic Movement and Development - pg. 15
Automotive Technology - pg. 8
Basic Computer Skills - pg. 11
Basic Mechanics - pg. 8
Biology - pg. 26
Careers in Natural Resources - pg. 30
Ceramics - pg. 9
Chemistry/Chemistry C - pg. 28
Computer Graphics for Multimedia - pg. 22
Concert Band - pg. 25
Concert Choir - pg. 25
Construction Technology - pg. 7
Current World Problems - pg. 35
Darkroom Photography - pg. 24
Economics/Economics 200 - pg. 34
Engineering Technology 1 & 2 - pg. 39
English 104/105 - pg. 14
English 9-12 - pg. 12-13
Equine Science - pg. 7
Exceptional Child - pg. 42
Field Experience Natural Resources - pg. 31
Fitness For Life - pg. 16
Floriculture - pg. 6
Food Science Technology - pg. 7
Freshmen CTE Survey - pg. 37
Freshmen Multimedia CTE pg. 22
Geometry - pg. 20
Global Perspectives - pg. 36
Government - pg. 33
Health 1 & 2 - pg. 16 -17
Health Occupations 1 & 2 - pg. 18
Honors Algebra 2 - pg. 20
Honors Biology - pg. 27
Honors Chamber Choir pg. 25
Honors English 9 & 10 - pg. 12
Honors Geometry - pg. 20
Honors Jazz Ensemble - pg. 25
Honors Physical Science - pg. 26
Honors US History - pg. 33
Honors World Studies – pg. 33
Horticulture – pg. 6
Human Anatomy and Physiology - pg. 18
Intro 2 AMD pg. 15
Introduction to Agriculture - pg. 6
Introduction to Business - pg. 11
Introduction to Entrepreneurship - pg. 11
Introduction to Geography - pg. 35
Introduction to Health Occupations pg. 18
Introduction to Philosophy - pg. 34
Introduction to Robotics - pg. 38
Introduction to Teaching - pg. 42
Land Robotics - pg. 38
Leadership Development - pg. 7
Marine Biology - pg. 27
Math 111/112 - pg. 21
Medical Terminology - pg. 19
Mixed Choir - pg. 25
Natural Resources Forestry/Water - pg. 30
Pacific Northwest History - pg. 35
PE 182 - pg. 16
Peer Tutors - pg. 42
PE Competitive Games - pg. 16
Phlebotomy - pg. 19
Physical Education 1 & 2 - pg. 15
Physical Science - pg. 26
Physics - pg. 28
Physics In Action - pg. 28
Portfolio Presentation (Art) - pg. 10
Pre-Calculus - pg. 21
Programming Capstone Project - pg. 23
Psychology - pg. 35
Reading and Writing Poetry pg. 14
Science Research 1-3 - pg. 29
Sophomore CTE Survey - pg. 37
Speak Up! pg. 14
Spanish 1-3 - pg. 40
Spanish for Native Nat Speakers - pg. 40-41
Sculpture pg. 10
Teacher/Office Aide - pg. 43
US History - pg. 33
Veterinary Medicine - pg. 8
Video Editing 1 & 2 - pg. 22
Video Game Design - pg. 23
Video Game Programming - pg. 23
Water Robotics - pg. 38
Writing 121 - pg. 14
Woodworking - pg. 37
Work Experience - pg. 43
Work Experience: Natural Resources - pg. 32
World Studies - pg. 33
Yearbook - pg. 24

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 – ***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 courses are among the most commonly taken courses at community colleges and four year universities.***

Marine Biology – 4 Clatsop CC credits: BIO143

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

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

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

Economics 200 - 4 TBCC credits: ECON 200 - Intro to Economics

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

Advanced Natural Resources - 4 TBCC credits: ESR 171 - Environmental Science - Biological

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

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

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

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/Emergency Care

Medical Terminology - 4 TBCC credits: MP 111 – Medical Terminology

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

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

Intro to Business - 4 TBCC credits in BA 101: Introduction to Business

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

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

3D Printing and Design - 5 PCC credits: MCH 229 - Rapid Prototyping

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. Some classes also will participate in multiple field trips and have the chance to listen to different guest speakers in the industry. Many of the classes also provide college credit opportunities. 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

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades: 9-12

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.

ANIMAL SCIENCE

Science – ½ credit; optional 4 college credits from TBCC optional

Prerequisite: None for high school credit; registration at TBCC for college credit

Grades: 10-12

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! Optional TBCC college credit in ANS 121: Intro to Animal Science.

FLORICULTURE

Fine Arts/Career Technical - ½ credit

Prerequisite: None

Grades: 9-12

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

Fine Arts/Career Technical - ½ credit

Prerequisite: None

Grades: 9-12

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.

EQUINE SCIENCE

Science - ½ credit

Prerequisite: none

Grades: 10-12

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.

AG METALS AND WELDING

Fine Arts/Career Technical - ½ credit, optional 4 TBCC credits in AG 221

Prerequisite: none for high school credit; registration at TBCC for college credit

Grades: 10-12

This course is designed for students interested in learning the 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).

CONSTRUCTION TECHNOLOGY

Fine Arts/Career Technical - ½ credit

Prerequisite

Grades: 9-12

This course is designed for students to learn skills in the construction industry. Students will enhance their skills in plumbing, electrical wiring, land measurement, concrete and agricultural building construction.

FOOD SCIENCE & TECHNOLOGY

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades: 9-12

Fees: $20

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.

PERSONAL LEADERSHIP DEVELOPMENT

Fine Arts/Career Technical - ½ credit; optional 4 college credits from TBCC in LEAD 242

Prerequisite: Intro to Ag for high school credit; registration at TBCC for college credit.

Grades: 10-12

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.

VETERINARY MEDICINE

Science – ½ credit

Prerequisite: Animal Science

Grades: 10-12

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.

BASIC MECHANICS

Fine Arts/Career Technical - 1 credit

Prerequisite: none

Grades: 10-12

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.

AUTOMOTIVE TECHNOLOGY

Fine Arts/Career Technical - 1 ½ credits

Prerequisite: Basic Mechanics

Grades: 11-12

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.

ART DEPARTMENT

ART 1

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades 9-12

This course is designed for the beginning art explorer. 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 3-dimensional 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 papermache sculpture.

ART 2

Fine Arts/Career Technical - ½ credit

Prerequisite: Art 1

Grades 9-12

This course is for the motivated art explorer. 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 clay hand building. 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, and clay slab building.

ART 3/4

Fine Arts/Career Technical – ½ credit

Prerequisite: Art 1 and 2

Grades: 10-12

This course is designed for the highly motivated art explorer. Students will expand on their drawing, painting, printmaking and sculpture skills through the use of a variety of mediums. Art III Students will be introduced to drawing from observation, and block printing. Art IV students will have the opportunity to learn how to use the pottery wheel. Students will 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

Fine Arts/Career Technical - ½ credit

Prerequisite: Art 1

Grades: 9-12

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

Fine Arts/Career Technical – ½ credit

Prerequisite: Art 1

Grades: 9-12

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

Fine Arts/Career Technical - ½ credit

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

Grades: 10-12

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 trimester.

BUSINESS EDUCATION

BASIC COMPUTER SKILLS

Required Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades: Required for grade 9

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.

INTRODUCTION TO BUSINESS

Fine Arts/Career Technical - ½ credit; optional 4 college credits from TBCC in BA 101

Prerequisite: none for high school credit; registration at TBCC for college credit

Grades: 10-12

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.

INTRO TO ENTREPRENEURSHIP

Fine Arts/Career Technical - ½ credit; optional 4 college credits from TBCC in BA 150

Prerequisite: none for high school credit; registration at TBCC for college credit

Grades: 10-12

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.

ENGLISH DEPARTMENT

ENGLISH 9

Required Language Arts - 1 ½ credits

Prerequisite: none

Grades: 9

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

Language Arts - 1 credit

Prerequisite: 8th grade instructor recommendation

Grades: 9

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.

ENGLISH 10

Required Language Arts - 1 credit

Prerequisite: English 9

Grades: 10

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.

HONORS ENGLISH 10

Language Arts - 1 credit

Prerequisite: Honors English 9 or teacher recommendation.

Grades: 10

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.

ENGLISH 11

Required Language Arts - 1 credit

Prerequisite: English 10

Grades: 11

English 11 is a combination of literature, writing, and vocabulary study. The focus of literature study is understanding how literature records, reflects, communicates and influences human events. 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. This course covers a variety of literary genres that includes novel, drama, poetry, short story, essays and speeches.

AP ENGLISH LITERATURE AND COMPOSITION

Language Arts - 1 ½ credits

Prerequisite: Honors English 10 or recommendation from the student's English teacher from the previous year 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

Required Language Arts - 1 credit

Prerequisite: English 11

Grades: 12

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 studies. 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

Language Arts - ½ credit each; 4 TBCC credits each. Students must take this class for college credit.

Prerequisite: English 11, test into WR 121, MTH 60, college reading.

Grades: 12

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.

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.

WRITING 121

Language Arts - ½ credit; 4 TBCC credits. Students must take this class for college credit.

Prerequisite: English 11 and test into WR 121, MTH 60, and college level reading

Grades: 12

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.

SPEAK UP!

Elective - ½ credit; optional 4 TBCC credits in COMM 111

Prerequisite: none for high school credit; test into Math 20, Reading/Writing 115 for college credit

Grades: 9-12

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 unites, 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!

READING AND WRITING POETRY

Elective – ½ credit

Prerequisite: none

Grades: 9-12

This course is for poetry lovers – whether you want to begin chasing your poetic curiosities or already have a

portfolio of your own. We will study poetry from the classics to contemporaries, including your favorite lyricists, rappers, and spoken word artists. Using what we learn from them, you will also have a chance to begin composing your own poems. The end of the trimester will culminate in a final poetry slam, and for the most motivated of poets, the potential of having your work published in poetry journals. Come write about what you find beautiful, compelling, and inspiring!

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION 1

Required Physical Education - ½ credit

Prerequisite: none

Grades: 9

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 and a lock.

PHYSICAL EDUCATION 2

Required Physical Education - ½ credit

Prerequisite: none

Grades: 10

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 and a lock.

INTRO 2 AMD – ATHLETIC MOVEMENT AND DEVELOPMENT

Elective – ½ credit

Prerequisite: Frosh PE 1

Grades 9-10

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

Physical Education - ½ credit; can be taken an unlimited amount of times.

Prerequisite: PE 1

Grades: 10-12

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.

COMPETITIVE PE GAMES

Physical Education - ½ credit

Prerequisite: PE 1

Grades: 10-12

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. Games will be played all day, every day.

PE 182 - GROUP FITNESS

Physical Education - ½ credit; 1 TBCC college credit

Prerequisite: PE 1. Students in the course automatically receive college credit.

Grades: 11-12

Required for seniors who have not received college credit while in high school. 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.

FITNESS FOR LIFE

Physical Education - ½ credit

Prerequisite: PE 1

Grades: 10-12

A class for those who don't want intense exercise, but want to learn lifelong habits of moderate exercise and healthy living. Topics may include setting up realistic exercise plans and healthy eating habits.

HEALTH 1

Required Health - ½ credit

Prerequisite: none

Grades: 9

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

Required Health - ½ credit

Prerequisite: Health 1

Grade: 11

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.

HEALTH SCIENCES AND CAREERS

HUMAN ANATOMY AND PHYSIOLOGY

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades: 11-12; maximum of 20 students

This course covers the basics of Human Anatomy and Physiology, including anatomical terminology and basic functions of all body systems. Introduces common human disease processes and prepares non-science majors and Allied-Health Profession students to take advance anatomy and physiology courses. It is considered a non-laboratory course however there will be some minor lab activities.

INTRODUCTION TO HEALTH OCCUPATIONS

Fine Arts/ Career Technical – ½ credit

Prerequisite: none

Grades: 9-10

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 I

Fine Arts/Career Technical - ½ credit; optional 2 TBCC credits: CG130H – Intro to Today's Careers: Health

Prerequisite: none for high school credit; registration at TBCC for college credit

Grades: 11-12; maximum of 20 students

This course 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.

HEALTH OCCUPATION II

Fine Arts/Career Technical - ½ high school credit; optional 2 TBCC credits: HE 110, HE 112

Prerequisite: "C" or better in Health Occupations 1; registration at TBCC for college credit

Grades: 11-12; maximum of 20 students

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. Additional topics covered will include: lifespan development and employability skills. 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.

MEDICAL TERMINOLOGY

Fine Arts Career Technical - ½ high school credit; optional 4 TBCC credits - MP 111

Prerequisite: none for high school credit; registration at TBCC for college credit

Grades: 11-12; maximum of 20 students

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. Optional available college credit: MP 111 – Medical Terminology – 4 credits from TBCC

PHLEBOTOMY

Fine Arts Career Technical - ½ high school credit

Prerequisite: Health Occupations I and II. Health Occ II/Phlebotomy can be taken together.

Grades: 11-12; maximum of 20 students

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. Non-blood specimen collection practices and medical and legal ethics as they relate to phlebotomy services are also taught.

MATHEMATICS DEPARTMENT

ALGEBRA 1

Mathematics - 1 credit; Elective - .5 credit

Prerequisite: none

Grades: 9-12

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. Instruction will include materials from a variety of sources including textbook, graphing calculators and outside resources. Assessment will include performance tasks, daily work, 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.

GEOMETRY

Mathematics - 1 credit

Prerequisite: Algebra 1 with "C" or better

Grades: 9-12

This course is designed to introduce students to rigorous deductive and inductive reasoning through Eucledian Geometry. This course is heavily supported by a student's basic Algebra skills which are used when discussing Geometric properties represented by algebraic relationships. Assessment for this course will include daily assignments, quizzes, tests, and problem solving tasks.

HONORS GEOMETRY

Mathematics - 1 credit

Prerequisite: Algebra 1 with "C" or better

Grades: 9-12

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

Mathematics - 1 credit

Prerequisite: Geometry

Grades: 10-12

This course is a college prep class designed to extend basic Algebra skills to include rational, irrational, complex

numbers and systems. Polynomial and logarithmic functions will also be covered as symbolic graphic and numerical representations.

HONORS ALGEBRA 2

Mathematics - 1 credit

Prerequisite: Geometry

Grades: 10-12

This course is a college prep class designed to expand Algebraic and Geometric skills beyond the level of the normal Algebra 2 course. Extensions of graphical and analytical interpretations of functions will be explored. Students will have extended knowledge and use of a graphing calculator. Assessment for this course will include daily assignments, quizzes, tests, problem solving tasks, and the college math placement exam.

PRE-CALCULUS

Mathematics - 1 credit

Prerequisite: Algebra 2

Grades: 11-12

This course is a college prep class designed to further develop right triangle and non-right triangle trigonometric relationships. A variety of topics will be covered during the 2nd semester of this course which will include statistical and regression analysis, sequences and series of real numbers, and trigonometric functions. Assessment for this course will include daily assignments, quizzes and tests.

MATH 111/MATH 112

Mathematics - 1 credit; 10 TBCC college credits; Students must take this class for college credit

Prerequisite: Pre-Calculus A and test into MTH 111

Grades: 11-12

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. 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. This class will provide five college credits.

AP CALCULUS

Mathematics - 1 ½ credits

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

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

This is a rigorous college level calculus course culminating in every student taking the advanced placement calculus exam. Assessment for this course will include daily assignments, quizzes, and tests.

MULTIMEDIA

FRESHMEN MULTIMEDIA CTE

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Required: Must have a flash drive to save projects

Grades: 9

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.

COMPUTER GRAPHICS FOR MULTIMEDIA - Photoshop

Fine Arts/Career Technical - ½ credit; optional 4 college credits from PCC: MM 230

Prerequisite: none for high school credit; registration at PCC for college credit

Grades: 10-12

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 webpages. 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.

VIDEO EDITING – COMPUTER GRAPHICS

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades: 10-12

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.

VIDEO EDITING II – COMPUTER GRAPHICS

Fine Arts/Career Technical - ½ credit; optional 4 college credits from PCC: MM 260

Prerequisite: Video Editing; registration at PCC for college credit

Grades: 10-12

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.

VIDEO GAME DESIGN

Fine Arts/Career Technical - ½ credit

Prerequisite: none

Grades: 10-12

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

Fine Arts/Career Technical - ½ credit

Prerequisite: Video Game Design or Instructor Approval

Grades: 10-12

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

This course includes 60-80 hours of material focusing on game programming. Students with no previous programming experience will develop C# programming skills through practical code exercises using the industry standard IDE Visual Studio. Course grade is determined by successfully completing a trimester long project which is submitted for review to the instructor, by each student, within the first two weeks of the course. Each student will have a deliverable product by course end in order to show outcome proficiencies.

PROGRAMMING CAPSTONE PROJECT – INDEPENDENT STUDY (Wil Duncan)

Fine Arts/Career Technical - 1½ credits (must be taken all 3 tri's)

Prerequisite: successful completion of Computer Graphics for Multi-Media – Photoshop, Video Game Design and Video Game Programming

Grades: 11-12

Portable storage device such as USB hard drive or 8 GB flash drive required; personal laptop or computer highly recommended. This course provides students in the ICT program an opportunity to create a fully developed application or game. Students will demonstrate software engineering skills through the development process of a software project. Course grade is determined by successfully completing a deliverable project including all design and user documentation, as well as the final application or game software which will be reviewed by industry professionals using an agreed upon rubric.

YEARBOOK PRODUCTION

Fine Arts/Career Technical - 1 ½ credit

Prerequisite: Yearbook teacher recommendation only; get application from Mr. Gilham

Grades: 10-12

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.

DARK ROOM PHOTOGRAPHY

Fine Arts/Career Technical - ½ credit

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

Grades: 9-12

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.

MUSIC

CONCERT BAND

Fine Arts/Career Technical - 1 ½ credits

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

Grades: 9-12

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.

HONORS JAZZ ENSEMBLE

Fine Arts/Career Technical 1 ½ credits

Prerequisite: By audition and teacher's approval

Grades: 9-12

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

Fine Arts/Career Technical - 1 ½ credits (This is a year-long commitment)

Prerequisite: none

Grades: 9-12

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

Fine Arts/Career Technical - 1 ½ credits (This is a year-long commitment)

Prerequisite: Audition and director's approval

Grades: 9-12

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

HONORS CHAMBER CHOIR

Fine Arts/Career Technical - 1 ½ credits (This is a year-long commitment)

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

Grades: 10-12

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: Rennaissance, Baroque, classical, spiritual, contemporary and a capella. Students will also be expected to participate in some capacity in the solo and ensemble contest.

SCIENCE DEPARTMENT

PHYSICAL SCIENCE

Required Science - 1 credit

Prerequisite: none

Grades: 9

Description: 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

Science – 1 credit

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

Grade: 9

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

Required Science – 1 credit

Prerequisite: Physical science recommended

Grade: 10

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 GENERAL BIOLOGY

Science – 1 credit

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

Grade: 10

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.

ASTRONOMY

Science – ½ credit

Prerequisite: Physical Science A or Honors Physical Science A

Grades: 9-12

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

Science – ½ credit

Prerequisite: Successful Completion of Biology A & B/ Honors Biology A&B and Instructor Approval; must register with high school teacher for Clatsop CC credit – 4 college credits

Grades: 11-12

This course is designed for students with an interest in marine biology and oceanography. This course provides 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 studies in the classroom.

PHYSICS IN ACTION

Science – ½ credit

Prerequisite: Completion of Physical Science A & B and Algebra I.

Grades: 10-12

Learn all about energy in many different forms, and how it is converted from one form to another. You will work on many projects that help you to understand principles of physics as they are applied to real life situations. Projects may include alternative energy wind turbines, a CO2 car, Knex roller coasters, remote controlled paper airplanes, creating a musical instrument, the Tsunami Proof building challenge, and a unit on magnetism where you build a simple motor! For some projects you will be required to complete a formal project report including background research, a project proposal, and a thoughtful reflection after completion. Hard work and creative thinking will make you successful in this course! Hands on; brains on!

PHYSICS

Science – 1 credit

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

Grades: 11-12

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

Science – 1 credit

Prerequisite: Successful Completion of Algebra one and Physical Science B

Grades: 10-12

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!

CHEMISTRY C

Science – ½ credit

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

Grades: 10-12

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. Either way, those goggle lines are going to look fantastic as part of your daily wardrobe!

SCIENCE RESEARCH I

Science – 1 credit

Prerequisite: Physical Science A & B or teacher recommendation

Grades: 10-12

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.

SCIENCE RESEARCH II

Science – 1 credit

Prerequisite: Research Science I and Teacher Approval

Grades: 10-12

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.

SCIENCE RESEARCH III

Science – 1 credit

Prerequisite: Research Science II and Teacher approval

Grades: 11-12

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.

NATURAL RESOURCES PROGRAM

CAREERS IN NATURAL RESOURCES

Elective – ½ credit

Prerequisites: None

Grades: 9-12

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 Certificate 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

Science – ½ credit

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

Grades: 10-12

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.

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

NATURAL RESOURCES Forestry
Science – ½ credit
Prerequisite: Successful Completion of Physical Science A & B; Biology/Honors Biology highly recommended
Grades: 10-12
Description: 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.

ADVANCED NATURAL RESOURCES - Environmental Science
Science – ½ credit
Prerequisite: Successful Completion of Natural Resources A;
Grades: 10-12
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.

Advanced Natural Resources A will be available for dual credit with TBCC as ESR 171

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

ADVANCED NATURAL RESOURCES - Intro to Forestry
Science – ½ credit
Prerequisite: Successful Completion of Natural Resources B
Grades: 10, 11, 12
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.

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

FIELD EXPERIENCE - NATURAL RESOURCES 1 & 2

Science – ½ credit each

Prerequisite: Advanced Natural Resources A & B

Grades: 11-12

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

Science – ½ credit each

Prerequisite: Pre-approval from the Natural Resources Teacher

Grade: 11-12

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.

SOCIAL SCIENCES

WORLD STUDIES

Required Social Studies - 1 credit

Prerequisite: none

Grades: 10

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.

HONORS WORLD STUDIES

Social Studies - 1 credit

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

Required US History - 1 credit

Prerequisite: none

Grades: 11

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

US History - 1 credit

Prerequisite: Honors English 10 or teacher approval

Grades: 11

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

Required Government - ½ credit

Prerequisite - none

Grades: 12

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

Government - 1 ½ credits

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

Grades: 12

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***).

ECONOMICS

Required Economics - ½ credit

Prerequisite: none

Grades: 12

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 200

Economics - ½ high school credit; 4 TBCC credits

Students must take this course for college credit.

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

Grades: 12

This is a college level dual enrollment course that covers six economic topic areas: basic economic concepts, microeconomics, macroeconomics, the history of economic ideas, international trade, and a variety of economic issues.

INTRO TO PHILOSOPHY

Elective - ½ credit

Prerequisite: none

Grades: 9-12

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

Elective - ½ credit

Prerequisites: none

Grades: 10-12

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?

CURRENT WORLD PROBLEMS

Elective - ½ credit

Prerequisite: none

Grades: 9-12

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

Elective - ½ credit

Prerequisite: none

Grades: 9-12

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.

PACIFIC NORTHWEST STUDIES

Elective - ½ credit

Prerequisite: none

Grades: 10-12

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.

GLOBAL PERSPECTIVES

Elective - ½ credit

Prerequisite: none

Important reminder: Class recommended for Troubadours – students interested in traveling

Grades: 9-12

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.

CAREER/TECHNICAL EDUCATION

FRESHMEN CTE SURVEY

Required Fine Arts/Career Technical - ½ credit; 12 week survey class; each part is 6 weeks

Prerequisite: none

Grades: 9

A. Freshmen Agriculture Survey: Students will spend the 6 weeks exploring the vast world of agriculture from cows, to flowers, from food science, to mechanics and leadership. There is something for everyone in this introductory course.

B. Freshmen Natural Resource Survey: Modern Natural Resources careers are so much more than just the field of logging. In this 6 week survey course we will explore some of the high wage, high demand jobs available related to rivers, bays, oceans, and our forests. Get excited about a career outside, and out of the ordinary in Natural Resources.

SOPHOMORE CTE SURVEY

Required Fine Arts/Career Technical - ½ credit; 12 week survey class; each part is 6 week

Prerequisite: none

Grades: 10

A. Sophomore Engineering Survey: "WIDGETS AND WHEELS" - This 6 week course will allow students to explore the Engineering program during a 6-week window. Students will choose up to two different skills which they wish to be introduced to. The skills that could be selected include robotics, CNC mill work, electrical controls, mechanical and electrical fabrication, power tools, pneumatics, measurement, AC/DC electricity, print reading, and CAD. Students need to be self-motivated, well disciplined and good problem solvers.
B. Sophomore Car Care Survey: In this 6-week course students will learn basic shop safety, hand and power tools, use of reference materials and procedures in basic care and maintenance of motor vehicles. Students will learn routine maintenance and also basic troubleshooting skills to apply to basic repairs. Students will need to work with a shop partner in a cooperative manner and bring in projects for those repair and maintenance procedures. Students will be provided with a list of the work they will be required to complete at the beginning of their session in the class. Coveralls are strongly encouraged to help them stay clean and learn professional dress.

WOODWORKING
Fine Arts/Career Technical - ½ credit
Prerequisites: None
Grades: 10-12
Students will learn woodshop safety, and how wood is used and worked to create a variety of products using a broad range of woodshop tools. Students will become proficient in selecting materials, measuring and cutting of boards, fastening them securely, and finishing wood using sanding, stains, and paints. Students will come out of the class with experience and confidence to tackle their own projects safely in the future.

ADVANCED WOODWORKING
Fine Arts/Career Technical - ½ credit
Prerequisites: Woodworking
Grades: 10-12
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.

INTRO TO ROBOTICS AND BASIC ELECTRONICS
Science - ½ credit
Prerequisite: Physical Science
Grades: 9-12
An introduction to basic robotics, electronics and programming. You will learn how batteries work, and how to solder and waterproof electrical connections. We build circuits using breadboard technology in a series of introductory projects. You will develop skills to create schematic diagrams, and learn to control electrical systems through the course of several code writing lessons. Then you participate in several mastery projects where you will write up a plan for your project, create a schematic, write a code to control your robot, and then build the project!

The final project is a robot car that can drive around on its own and respond to the environment using a variety of sensors.

LAND ROBOTICS

Science – 1 credit

Prerequisite: Intro Electronics, or Engineering I

Grades: 10-12

Students take on the yearly FIRST Tech Challenge, where hundreds of schools around the state compete to build and program robots using smartphones as controllers. This year, robots had do an Indiana Jones themed challenge where their robot moves blocks into a pattern, and then recovers a trophy from the lost temple. Learn to 3D print, program, modify parts, and creatively think your way to victory in this hands-on challenge. We will be hosting or attending league meets on four separate weekends during the first trimester, and one bigger competition during winter term. Teams that advance will also travel to participate in state, national, and world championships, and have the potential to receive scholarships.

UNDERWATER ROBOTICS

Science – 1 credit

Prerequisite: Intro Electronics or Engineering I

Grades: 10-12

You will build an underwater remote controlled vehicle to compete in the annual MATE ROV competition. You will work as a team to compete in one of three levels of competition that are designed to mimic real life problems faced in robotics today. Each year the challenge changes to focus on current issues that involve robots in the workforce such as: cleaning up oil spills, measuring icebergs, or inspecting shipwrecks. Students must design and build a waterproofed vehicle that includes underwater cameras, sensors, and thrusters to explore the depths and bring back samples. We work to mentor the junior high MATE ROV teams, practice at the YMCA, and then teams compete in Lincoln City on one weekend in the spring. Teams that advance can attend regional and world championships, and have the potential to receive scholarships.

AERIAL ROBOTICS

Science – ½ credit

Prerequisite: Either Intro to Robotics and Electronics, Land Robotics, or Water Robotics

Grades: 11-12

Unmanned Aerial Vehicles (UAV's), or drones, are at the forefront of modern robotics technology. The capabilities of these systems are rapidly expanding to include use in search and rescue, package delivery, and science research applications. We will work together to learn how to use drones safely and appropriately to collect data about the world around us. With support from the NWESD and in partnership with our local Near Space Corps, we will build and explore the world using these amazing robots. If you have already taken some robotics courses, and you can't get enough, this class is for you! Students have the option to purchase their drone kit when it is finished.

3D PRINTING AND DESIGN

Science - ½ credit; Software Certification Available

Prerequisite: None

Grades: 9-12

Students explore the world of 2D and 3D modeling and design by attempting to reproduce existing objects, design new objects, and complete a series of creative 3D projects using Computer-Aided -Design (CAD) software. You will learn the basics of 2 commonly used professional software packages (SolidWorks and Rhino), design and produce several stickers, a t-shirt with your custom logo, and several 3D printed parts. You will also work with a small team to build a 3D printer. Students have the option to purchase the 3D printer they build in class at replacement cost.

ENGINEERING TECHNOLOGY 1

Fine Arts/Career Technical - 1 credit

Prerequisite: Successful completion of Algebra 1

Grades: 10-12

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

Fine Arts/Career Technical - 1 credit

Prerequisite: Engineering Technology 1 and instructor approval.

Grades: 12

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.

SPANISH DEPARTMENT

SPANISH 1

Fine Arts/Career Technical - 1 credit

Prerequisite: none

Grades: 9-12

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

Fine Arts/Career Technical - 1 credit; optional 4 WOU credits in Spanish 102

Prerequisite: Spanish 1

Grades: 9-12

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

Fine Arts/Career Technical - 1 credit; optional 4 WOU credits in Spanish 102

Prerequisite: Spanish 2

Grades: 10-12

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 NATIVE SPEAKERS 1/Spanish 4 (Matt Dickson)

Fine Arts/Career Technical - 1 credit

Prerequisite: be a Native Speaker or Spanish 3; optional 4 WOU credits in SPAN 102

Grades: 9-12

Spanish for Native Speakers 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 NATIVE SPEAKERS I/Spanish 4

Español para Hispanohablantes 1 - 1 credito

Abierto para los grados 9-12

Prerequisito: Debe ser un hablante nativo de español o tener la aprobación del maestro.

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 alumnus aprenderan en Espanol para Hispanohablantes 2.

ADDITIONAL ELECTIVES

INTRO TO TEACHING

Elective - 1 credit

Prerequisite: 2.75 GPA

Grades: 10-12

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 would

allow students to explore the field of education at a variety of grade levels.

EXCEPTIONAL CHILD
Elective - ½ credit
Prerequisite: none
Grades: 10-12
Students will learn the various categories of special education and apply that information in a practicum setting. Students will meet with consultants such as Special Education Teachers, Occupational Therapist, Psychologists, and Speech Pathologists to discuss various special education issues. Students will choose an area of concentration for additional research culminating in a final project. This is a pass/fail course.

PEER TUTOR - SPECIAL EDUCATION
Elective - ½ credit
Prerequisite - Exceptional Child 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
Elective - ½ credit; only one period per trimester
Prerequisite: signed recommendation form, B's or better in English
Grades: 10-12
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 AIDE
Elective - ½ credit per term; one period maximum per trimester.
Prerequisite: Signed permission form from teacher or staff member is required.
Grades: 11-12
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.

WORK EXPERIENCE PROGRAM
Elective - ½ credit per class period; two periods maximum per trimester.

Prerequisite: none
Grades: 11-12

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.