

VERNONIA HIGH SCHOOL



COURSE DESCRIPTION HANDBOOK

2022 – 2023 SCHOOL YEAR

TABLE OF CONTENTS

SUBJECT	PAGE
Four Year Academic Plan	3 - 4
Language Arts (English)	5 - 6
Science	7 - 8
Social Science	8 - 10
Career Education	10
Mathematics	10 - 12
P.E. and Health	12 - 13
Performing Arts	13 - 14
Fine Arts & Digital Arts	15 - 16
Industrial Technology	16 - 17
Second Language	18
Electives	19 - 22

Vernonia High School 4 Year Plan

	Post Secondary Plan	College Preparation Courses												
	<input type="checkbox"/> Work Directly after Graduation <input type="checkbox"/> 2-Year College/Vocational Program <input type="checkbox"/> 4 Year College <input type="checkbox"/> Military: Branch: _____ <input type="checkbox"/> Other: _____	<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Subject:</th> <th style="text-align: right;">Units:</th> </tr> </thead> <tbody> <tr> <td>English</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Math (including Alg. 2)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Social Studies</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Science</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Second Language</td> <td style="text-align: right;">2</td> </tr> </tbody> </table>	Subject:	Units:	English	4	Math (including Alg. 2)	3	Social Studies	3	Science	3	Second Language	2
Subject:	Units:													
English	4													
Math (including Alg. 2)	3													
Social Studies	3													
Science	3													
Second Language	2													
	Freshman	Sophomore												
Required	Credits Earned Review Date:	Required Credits Earned Review Date:												
LA: Intro To Literature	1	LA: Survey of Literature	1											
GS: Global Studies	1	US: U.S. History	1	PSAT										
MA: Mathematics	1	MA: Mathematics	1											
SC: Biology	1	SC: Physics	1											
PE: Phys. Ed.	.5	PE: Phys. Ed.	.5											
HE: Health 1 or 2	.5	HE: Health 1 or 2	.5											
EL: Academic Success	1	EL: Electives:	2											
EL: Electives:	1													
	7		7											
Academic Goals:		Academic Goals:												
Career Goals:		Career Goals:												
Activities, Volunteer:		Activities, Volunteer:												

Vernonia High School 4 Year Plan

	Post Secondary Plan <input type="checkbox"/> Work Directly after Graduation <input type="checkbox"/> 2-Year College/Vocational Program <input type="checkbox"/> 4 Year College <input type="checkbox"/> Military: Branch: _____ <input type="checkbox"/> Other: _____	College Preparation Courses <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Subject:</td> <td style="text-align: right;">Units:</td> </tr> <tr> <td>English</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Math (including Alg. 2)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Social Studies</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Science</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Second Language</td> <td style="text-align: right;">2</td> </tr> </table>	Subject:	Units:	English	4	Math (including Alg. 2)	3	Social Studies	3	Science	3	Second Language	2																																																				
Subject:	Units:																																																																	
English	4																																																																	
Math (including Alg. 2)	3																																																																	
Social Studies	3																																																																	
Science	3																																																																	
Second Language	2																																																																	
	Junior <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Required</td> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Earned</td> <td style="text-align: center;">Review Date:</td> </tr> <tr> <td>LA: American Literature</td> <td style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td>EC: Economics w/ P.F.</td> <td style="text-align: center;">.5</td> <td></td> <td style="text-align: center;">ASVAB: PSAT</td> </tr> <tr> <td>MA: Mathematics</td> <td style="text-align: center;">1</td> <td></td> <td style="text-align: center;">SAT </td> </tr> <tr> <td>SC: Science</td> <td style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td>EL: Electives</td> <td style="text-align: center;">3.5</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">7</td> <td></td> <td></td> </tr> </table>	Required	Credits	Earned	Review Date:	LA: American Literature	1			EC: Economics w/ P.F.	.5		ASVAB: PSAT	MA: Mathematics	1		SAT	SC: Science	1			EL: Electives	3.5				7			Senior <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Required</td> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Earned</td> <td style="text-align: center;">Review Date:</td> </tr> <tr> <td>LA: Eng. 12 or AP Lit.</td> <td style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td>GV: Government</td> <td style="text-align: center;">.5</td> <td></td> <td style="text-align: center;">SAT ACT</td> </tr> <tr> <td>MP: Modern Problems</td> <td style="text-align: center;">.5</td> <td></td> <td style="text-align: center;">College Fair</td> </tr> <tr> <td>MA: Math if needed</td> <td></td> <td></td> <td style="text-align: center;">Career Fair</td> </tr> <tr> <td>SC: Science if needed</td> <td></td> <td></td> <td style="text-align: center;">Financial Aid Night</td> </tr> <tr> <td>Career Exploration 2</td> <td style="text-align: center;">.5</td> <td></td> <td></td> </tr> <tr> <td>EL: Electives as needed</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Total HS credits needed</td> <td style="text-align: center;">24</td> <td></td> </tr> </table>	Required	Credits	Earned	Review Date:	LA: Eng. 12 or AP Lit.	1			GV: Government	.5		SAT ACT	MP: Modern Problems	.5		College Fair	MA: Math if needed			Career Fair	SC: Science if needed			Financial Aid Night	Career Exploration 2	.5			EL: Electives as needed					Total HS credits needed	24	
Required	Credits	Earned	Review Date:																																																															
LA: American Literature	1																																																																	
EC: Economics w/ P.F.	.5		ASVAB: PSAT																																																															
MA: Mathematics	1		SAT																																																															
SC: Science	1																																																																	
EL: Electives	3.5																																																																	
	7																																																																	
Required	Credits	Earned	Review Date:																																																															
LA: Eng. 12 or AP Lit.	1																																																																	
GV: Government	.5		SAT ACT																																																															
MP: Modern Problems	.5		College Fair																																																															
MA: Math if needed			Career Fair																																																															
SC: Science if needed			Financial Aid Night																																																															
Career Exploration 2	.5																																																																	
EL: Electives as needed																																																																		
	Total HS credits needed	24																																																																
Academic Goals:			Academic Goals:																																																															
Career Goals:			Career Goals:																																																															
Activities, Volunteer:			Activities, Volunteer:																																																															

Parent Signature:

LANGUAGE ARTS (LA)
4 credits (years) required

COURSE TITLE: Introduction to Literature and Composition
CREDIT: 1 LA Credit
GRADE LEVEL: 9
PREREQUISITE: Required for Freshmen

Introduction to Literature and Composition will include the study of a variety of literary works drawn from all genres. Particular attention will be paid to the elements of fiction. Major emphasis will be on enjoyment of and personal response to the literature. In composition, students will begin with paragraph writing and move to longer, more complex essays. In addition to literature and writing, the course includes work on speaking, listening, study skills, vocabulary, spelling, capitalization, punctuation, and usage. The primary goals of this class center on improving critical thinking skills, communication skills and achievement of the CIM with an emphasis in writing.

COURSE TITLE: Survey of Literature and Composition
CREDIT: 1 LA Credit
GRADE LEVEL: 10
PREREQUISITE: Introduction to Literature and Composition

Survey of Literature and Composition will expose students to a variety of literature: the short story, the novel, poetry, and drama. Each unit will include the study of various literary elements particular to the genre; the structure of each literary form will also be studied. Major emphasis in the literary part of the course will be enjoyment of literature through personal response, explaining the meaning of literature, and providing textual support for meaning. This course will also assist in building the student's vocabulary. Out of class reading is required.

The focus of the composition part of this class will be the development of skills in writing, specifically, the essay. Knowledge of good paragraph writing will be assumed. Writing will be narrative, descriptive, and expository in nature, based as much as possible on the student's own life experiences. Students will also learn to write a formal five-paragraph persuasive essay. The course will also include reviews of capitalization, punctuation, spelling, and grammar skills necessary to good writing.

COURSE TITLE: American Literature and Composition
CREDIT: 1 LA Credit
GRADE LEVEL: 11
PREREQUISITE: Intro to Literature/Composition; Survey of Literature/Composition

This course gives students a clearer perspective of their American roots. Students will study the development of American values and thought in literature from the 1600's to modern time. Novels, poems, short stories, plays, and essays by several different American authors from the Native Americans to Kurt Vonnegut will be read and discussed. American Literature is recommended for all students of average to above average reading ability. In addition to enjoyment of literature through personal response, and exploring meaning by providing specific textual support, students will develop

more critical responses to literature, both oral and written. Students may also be required to complete an 8-11-page research using standard MLA documentation.

COURSE TITLE: English 12
CREDIT: 1 LA Credit
GRADE LEVEL: 12
PREREQUISITE: Intro to Literature/ Composition; Survey of Literature/Composition; American Literature/Composition

In order to prepare students to be college or career ready upon graduation, English 12 will focus on grammar, writing, research, and reading comprehension. The class will study and interpret fiction and nonfiction texts. Multiple genres will be studied. The main anthology does center on famous world texts, but there will be a focus on British and modern works as well.

COURSE TITLE: Advanced Placement (AP) Literature and Composition
CREDIT: 1 LA Credit
GRADE LEVEL: 11-12
PREREQUISITE: There are no prerequisite courses for AP English Literature and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

College Course Equivalent

The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum.

COURSE TITLE: Writing for possible WR 121 Credit
CREDIT: 1 LA Credit
GRADE LEVEL: 12
PREREQUISITE:

A senior Language Arts course where students will have the opportunity to earn College credit for Writing 121 if they choose.

SCIENCE (SC)
3 credits (years) required

Three years of science are required for graduation. Most Freshmen take Biology and most Sophomores take Physics. Based upon academic achievement, science aptitude, and work ethic, a Freshman may be recommended by his or her eighth grade science teacher to enroll in Physics. Students accepting this challenge are expected to be on a college prep program in which they plan to take four years of science including Chemistry and Environmental Science.

COURSE TITLE: **Biology**
CREDIT: 1 SC Credit
GRADE LEVEL: 9 - 10
PREREQUISITE: Required Freshman class.

Biology is the study of all living systems--protists, plants, and animals and how they are alike and different. It also includes the study of the many relationships among living systems and the interaction of organisms with their environment. This basic knowledge of living systems is essential if we are to understand the role of humans in nature and predict and control the impact of human activities, thus improving the quality of all life.

COURSE TITLE: **Physics - offered every year**
CREDIT: 1 SC Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Biology; Required Sophomore Class
CAREER INTERESTS: Health, medical, science field, dental, engineering, architecture, construction

This course will emphasize a traditional approach to Physics. Students will learn Physics by reading, demonstrations, labs, drawings, and mathematical calculations. The emphasis is on understanding and relating information.

COURSE TITLE: **Chemistry - offered every year**
CREDIT: 1 SC Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Algebra I or Concurrent
CAREER INTERESTS: Health, medical, any science field, engineering

Chemistry is the study of the atomic nature of matter. It begins with an overview of atomic structure and chemical bonding. Chemical equations and molar relationships build the foundation for understanding chemical reactivity. Physical and chemical properties are distinguished and studied in detail. In the second semester students will look at specialized aspects of solids, liquids and gasses and the atom itself. An in depth analysis of reactivity includes topics such as oxidation and reduction, electron arrangements, and nuclear power.

COURSE TITLE: Environmental Science - offered every year
CREDIT: 1 SC Credit
GRADE LEVEL 11-12
PREREQUISITE: Successfully passed Physical Science and Biology
CAREER INTERESTS: Health, medical, dental, ecology, forestry, marine systems, agriculture, soil science, marine science, zoology, horticulture, botany, any science field . . .

This course has an emphasis on care of natural resources and includes outdoor recreation topics. The class will provide an opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive. Forest Management practices are covered. The course emphasizes how humans and animals may both take advantage of the same land and how to gain economic benefits from the land while not depleting the plant or animal populations.

COURSE TITLE: Forestry I & II for Science Credit - offered every year
CREDIT: 1 SC Credit
GRADE LEVEL 11-12
PREREQUISITE: Successful completion of Biology and Physics, Forestry I

This is a 2-semester elective class that offers the possibility of earning some science credit if certain criteria are met. This is mainly an outdoor, hands-on class. Appropriate dress and behavior are absolutely required. The class will learn timber cruising, log scaling, greenhouse maintenance and related projects, planning and implementing a riparian zone restoration project, tree and shrub identification, safety and the use of tools and instruments commonly used in the timber industry.

SOCIAL SCIENCE
3.5 Credits (Years) Required
GS/US/ECON/GV/MP

COURSE TITLE: Global Studies
CREDIT: 1 GS Credit

GRADE LEVEL: 9; required freshman class
PREREQUISITE: None
CAREER INTERESTS: All career interests

Global Studies examines the interactions of the world's peoples and systems. It draws upon all social studies disciplines to expand the skills of students as producer, consumer, and family member in an increasingly interdependent world. In-depth studies of various cultures and overviews of others will help students understand the world in which he or she lives. Similarities and differences among societies will be explored.

COURSE TITLE: **U.S. History**
CREDIT: 1 US Credit
GRADE LEVEL: 10; required sophomore class
PREREQUISITE: None
CAREER INTERESTS: An understanding of US History benefits all career interests as well as provides a base for a well-rounded US citizen

This is a 2-semester class required for graduation. The first semester will cover American history chronologically from Pre-Columbian America to the beginning of the Great Depression. Second semester will cover American history from the Great Depression to the end of the century in 2000. The class will use secondary and primary sources, lectures, relevant videos, scenarios and critical thinking activities.

COURSE TITLE: **Economics with Personal Finance**
CREDIT: .5 EC Credit
GRADE LEVEL: 11; required junior class
PREREQUISITE: None

This course provides an overview of economics with primary emphasis on the principles of microeconomics and a focus on the US economic system; comparisons of international economies will be studied.

COURSE TITLE: **U.S. Government**
CREDIT: .5 GV Credit
GRADE LEVEL: 12; required senior class
PREREQUISITE: None
CAREER INTERESTS: An understanding of US Government benefits all career interests as well as provides a base for a well-rounded US citizen

American Government. This is a 1 semester class required for graduation offered in 1st semester only. The class will study the United States Constitution, the Bill of Rights, the democratic concepts of separation of powers and checks and balances, and the 3 branches of government, Legislative, Executive and Judicial. The class will use secondary and primary sources, lectures, relevant videos, scenarios and critical thinking activities.

COURSE TITLE: **Civics**
CREDIT: .5 MP Credit

GRADE LEVEL: 12th Required Senior Class
PREREQUISITE: None

Civics is a 1 semester class required for graduation offered in 2nd semester only. The class will focus on the responsibilities of a citizen in a participatory democracy, and state and local government. Students will learn how to be involved in influencing and in decision making with elected and non-elected government officials. This class will be as hands-on as possible, but will also use secondary and primary sources, lectures, relevant videos, scenarios and critical thinking activities.

Career Education (CTE)
1 credit (year) CD/CTE required

COURSE TITLE: Career Exploration / Advisory
CREDIT: .25 CTE Credit per year
GRADE LEVEL: Required for all Students - taught during Advisory

Career Exploration course helps students identify and evaluate personal goals, priorities, aptitudes and interests in the pursuit of effective career decision making. Students use the Oregon Career Information System (CIS) to explore their interests.

MATHEMATICS (MA)
Three Credits (Years) Required

COURSE TITLE: Algebra 1A & 1B
CREDIT: .5 MA Credit per year
GRADE LEVEL: 9-12
PREREQUISITE: By Teacher Placement

For students who benefit from moving at a slower pace as they learn Algebra curriculum.

COURSE TITLE: Algebra 1
CREDIT: 1 MA Credit
GRADE LEVEL: 9-12
PREREQUISITE: By Teacher Placement

The Algebra I course is designed for the student interested in furthering his/her mathematical skills. Algebra I covers the concept of variable situations using the integer number system and the four basic operations. Students will be introduced to functions, graphing, trigonometry, probability and statistics.

COURSE TITLE: **Geometry**
CREDIT: 1 MA Credit
GRADE LEVEL: 9-12
PREREQUISITE: Algebra I or Teacher placement

Geometry is the study of figures in the second and third dimension. This course is designed to follow the development of geometry axiomatically with the use of logical progression (the proof). Algebra is used in the analysis of the figures and the logical steps of a proof. The use of the construction and "real world" geometry is stressed.

COURSE TITLE: **Math 95**
CREDIT: 1 MA Credit
GRADE LEVEL: 9-12
PREREQUISITE: Geometry & Algebra 1, or Teacher placement

Math 95 is the third step in the college preparatory series of mathematics classes. This class covers a variety of algebraic concepts such as: functions, systems of equations, roots, exponents, factoring, and quadratics. You may earn Western Oregon University credit for this course.

COURSE TITLE: **Financial Math**
CREDIT: 1 MA Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Geometry & Algebra 1, or Teacher placement

Financial Math is an alternative to Math 95. This class covers a variety of algebraic concepts such as: functions, systems of equations, roots, exponents, factoring, and quadratics but in a more applied manner than Algebra 2. Not worth dual college credit.

COURSE TITLE: **Math 112**
CREDIT: 1 MA Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Algebra 2/Math 95 or Teacher Placement

Advanced Math introduces the student to the derivative and integral and instruction on using math technology, such as graphing calculators. You may earn Western Oregon University credit for this course.

COURSE TITLE: **Calculus**
CREDIT: 1 MA Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Math 112 or Teacher Placement

Description TBA

PHYSICAL EDUCATION (PE) / HEALTH (HE)
1.0 credit of physical education and 1.0 credit of health required

COURSE TITLE: **Physical Education I**
CREDIT: .5 PE credit
GRADE LEVEL: 9-12

Physical Education is a coeducational class with emphasis on team games, physical fitness, and enjoyment of physical activity. Students will learn the fundamentals of team games including flashball, volleyball, soccer, field hockey, basketball, and track and field. Physical fitness is improved through calisthenics, weight training, relays and various other games. .

COURSE TITLE: **Physical Education II**
CREDIT: .5 PE credit
GRADE LEVEL: 10-12

Physical Education is a coeducational class with emphasis on team games, physical fitness, and enjoyment of physical activity. Students will learn the fundamentals of team games including flashball, volleyball, soccer, field hockey, basketball, and track and field. Physical fitness is improved through calisthenics, weight training, relays and various other games.

COURSE TITLE: **Advanced Conditioning**
CREDIT: .5 PE Credit
GRADE LEVEL: 10-12
PREREQUISITE: None

This course will help students improve basic athletic skills and abilities. Students will focus on strength training, jumping ability, quickness, and agility. Individual improvement of sport specific skills will be achieved. Instructor consent is required for this course.

The progressive weight training course is designed to use resistive weights in an isotonic manner to increase body strength. Endurance is also a vital part of the program. The student's strength is measured through the administration of eight muscular tests: bench press, sit-ups, pull-ups, dips, leg-press, biceps curls, vertical leap, and horizontal leap. The endurance is measured by the student's time in the half-mile run. The course is excellent for the student that wants to achieve his/her maximum strength level or the student with below normal strength that wants to increase to a more

comfortable level of strength. It is also good for the student that has a physical handicap that may be treated by a physical exercise program specific for him/her.

COURSE TITLE: Health I
CREDIT: .5 HE Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

The health course helps students examine their lifestyles, select goals, and make plans to achieve and maintain optimum health. The course is broken down into four sections: mental health and mental illnesses, emotional health, personal health, the benefits of exercise, and community, environmental and consumer health.

COURSE TITLE: Health II
COURSE NUMBER:
CREDIT: .5 HE Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

This course focuses on educating students about over the counter and prescription medications, the dangers of drug and alcohol abuse, addiction to tobacco products, nutrition, and first aid/CPR. Sex education, STD's and HIV/AIDS is also covered during this course as required by the State of Oregon.

PERFORMING ARTS - Fulfills FA/CTE Requirement

COURSE TITLE: Band
CREDIT: 1 FA Credit
LENGTH OF CLASS: 1 Year
GRADE LEVEL: 9-12
PREREQUISITE: Middle School Band or consent of Instructor

The high school band is open to any student who has participated in band during his or her elementary and junior high years. All performances are required but allowances are made for students being in band while participating in sports and other extracurricular activities that conflict (decided on a case by case basis by the instructor). All styles of literature are performed, and a major emphasis of the course is to enable students to grow in their ability to enjoy and respond to different types of music. This class does participate in OSAA competitions, and is considered a Varsity Level Band, so there is the potential to earn a Varsity Letter, as well as to compete in individual and group competitions. **Full year commitment is required.**

COURSE TITLE: Choir
CREDIT: 1 FA Credit
LENGTH OF CLASS: 1 Year
GRADE LEVEL: 9-12
PREREQUISITE: None

The high school choir is open to all students. All performances are required but allowances are made for students being in choir while participating in sports and other extracurricular activities that conflict (decided on a case by case basis by the instructor). All styles of literature are performed, and a major emphasis of the course is to enable students to grow in their ability to enjoy and respond to different types of music. This class does participate in OSAA competitions, and is considered a Varsity Level Choir, so there is the potential to earn a Varsity Letter, as well as to compete in individual and group competitions. **Full year commitment is required.**

COURSE TITLE: Theater Arts - Semester Courses
CREDIT: 0.5 / 1 FA Credit
LENGTH OF CLASS: .5 or 1 Year
GRADE LEVEL: 10-12

SEMESTER 1 - Basic Improvisation, Storytelling, and Performance

No prerequisite required. Students will examine the components of drama and storytelling through improv, acting, script analysis, and an original piece to be performed for the 5th graders.

SEMESTER 2 - Performing Shakespeare

Performance prerequisite required (Theater Semester 1/Leadership/Air Jams/Choir/Band/Teacher approval). Exploring Shakespeare from an acting perspective, this course will center around the rehearsal and performance of a Shakespeare play.

FINE ARTS

Fulfills FA/CTE Requirement

COURSE TITLE: Drawing
CREDIT: .5 FA Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

This course gives students an introduction to observational drawing techniques using a variety of drawing tools such as pencil, pen and ink, and charcoal. Students will develop professional artist practices such as critiquing artwork, writing an artist statement, and preparing a portfolio.

COURSE TITLE: **Painting**
CREDIT: .5 FA Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

This course gives students an introduction to acrylic painting and color theory. Students will develop professional artist practices such as critiquing artwork, writing an artist statement, and preparing a portfolio.

COURSE TITLE: **Printmaking**
CREDIT: .5 FA Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

Printmaking is the process of creating artworks by printing, normally on paper. This course gives students an introduction to printmaking processes including monoprint, collagraph, relief, and serigraphy (screen printing).

COURSE TITLE: **Sculpture**
CREDIT: .5 FA Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

This course gives students an introduction to some of the different sculpture processes including but not limited to wire, paper, cardboard, papier-mâché, and clay.

Digital ARTS
Fulfills FA/CTE Requirement

COURSE TITLE: **Yearbook**
CREDIT: 1 Elective Credit - FA credit TBD
GRADE LEVEL: 9-12
PREREQUISITE: None

This course's main objective is the production of the annual VHS Yearbook. Students will learn a wide variety of skills including but not limited to, digital photography, graphic design, journalism, creative problem solving, organization, marketing, and most importantly - meeting deadlines. Full year enrollment required. **Whole year commitment is encouraged for this course.**

COURSE TITLE: Digital Arts
CREDIT: .5 FA Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

This course gives students an introduction to industry-standard image editing software, Adobe Photoshop. Students will learn about basic image editing techniques, elements and principles of design, copyright, printing and scanning images, and file types and management.

Digital Arts curriculum is under development.

INDUSTRIAL TECHNOLOGY EDUCATION
Fulfills FA/CTE Requirement

COURSE TITLE: Intro to Woods - Construction
CREDIT: .5 FA Credit
GRADE LEVEL: 9 - 12
PREREQUISITE: None

Woodworking is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The projects are designed to give students as much experience as possible by using many different machines and tools. The projects will also cover as many aspects of the building and woodworking industries as is possible in an entry level course.

COURSE TITLE: Manufacturing 1
CREDIT: .5 or 1 FA Credit
GRADE LEVEL: 10 - 12
PREREQUISITES: Intro to Woods - Construction

This course is designed for those advanced students who wish to further their studies in the finer details of construction and woodworking. Much of the course will focus on wood projects, with units on wood, woodworking tool usage, joinery, following project plans, building projects, and finishing wood projects. Throughout this course, students will build a variety of different projects using a variety of different woodworking machines and tools.

COURSE TITLE: **Manufacturing 2**
CREDIT: .5 or 1 FA Credit
GRADE LEVEL: 11 - 12
PREREQUISITES: Manufacturing 1

This course provides an opportunity for a student to do an in-depth drawing of an architectural plan or a mechanical plan and make a model of the project to scale of the drawing following all codes and regulations. The drawings will be dimensioned, as well as detailed. Construction 4 will cover either a model home or components that are similar to the actual construction projects that are done in industry today. The student will submit a bill of materials with this project and a timeline. All previous safety rules and regulations must be followed in the class.

COURSE TITLE: **Manufacturing 3**
CREDIT: .5 or 1 Credit
GRADE LEVEL: 12
PREREQUISITES: Manufacturing 2

This course is designed for the senior who has: *1. an interest in pursuing a career in the construction industry; 2. desires to supervise and direct others in a management role; 3. has passed Construction 5/6.* The student will serve as a **teaching assistant**, assuming a direct supervision role of students in the program. They will continue to develop valuable leadership skills, foster teamwork by working with younger students, and accept increasing roles of responsibility for projects and tasks.

COURSE TITLE: **Fire Science I & II**
CREDIT: .5 or 1 Credit per year
GRADE LEVEL: 11 & 12
PREREQUISITES: Algebra 1, Physics, Health, Physical Education

This course is a 2 year program offered in conjunction with the Mist-Birkenfeld RFPD. The emphasis is on developing fundamental skills in the fire and emergency medical fields. Additional skills include teamwork, critical decision making and problem solving. The classes are physically demanding at times, with safety a priority. Advanced First Aid and CPR instruction included. Students will work towards earning multiple certifications required to work in the fire and emergency medical fields. Grades of 80% or higher may be also be eligible for college credit.

SECOND LANGUAGE
Fulfills FA/CTE Requirement

COURSE: German 1
CREDIT: 1 FA Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

German 1 enables students to obtain a measurable degree of communicative competency and proficiency in each of the four language skills: speaking, reading, writing and listening. Students are introduced to the language in a stimulating context which will result in the understanding of most routine questions, statements, and commands as well as everyday conversations on non-technical subjects. Current and historical cultural aspects about the German-speaking world are presented.

COURSE: German 2
CREDIT: 1 FA Credit
GRADE LEVEL: 10-12
PREREQUISITE: German 1

German 2 will continue to develop each student's communicative competency and proficiency in speaking, reading, writing and listening. Advanced grammar topics will be taught and sequenced to make acquisition of the linguistic structure logical. Vocabulary will be extended and increased as it is presented in context using topics relevant to students and using Comprehensible Input through Storytelling. German 2 will be fully immersive and students will be expected to stay in the target language whenever possible.

COURSE: German 3
CREDIT: 1 FA Credit
GRADE LEVEL: 11-12
PREREQUISITE: German 2

Students will deepen their knowledge of German grammar learning the Simple Past Tense (mostly found in written German), expressing the subjunctive mood ("If I were rich, I would..."), and cover topics that are common in German media and news (climate, world health, education, and politics). German 3 will be 100% immersive and will have a strong emphasis on written German.

Electives (EL)
4.5 credits (years) required

COURSE TITLE: **AVID - Advancement Via Individual Determination**
CREDIT: EL Credit
GRADE LEVEL: 10-12
PREREQUISITE: Application Interview with AVID staff members
CAREER INTERESTS: College & Career Preparation

AVID is a National evidence based multi-year course designed to provide students with the skills necessary to be successful and competitive in and after High School. Skills include advanced note taking, study techniques, thorough analysis and problem solving, research, public speaking, and much more. The successful AVID student is willing to work hard to achieve their education and career goals.

COURSE TITLE: **Mechatronics**
CREDIT: .5 or 1 EL Credit
GRADE LEVEL: 10-12
PREREQUISITE: None
CAREER INTERESTS:

Mechatronics (or mechatronics engineering) is an interdisciplinary branch of engineering that focuses on the integration of mechanical, electronic and electrical engineering systems. It encompasses a combination of robotics, electronics, computer science, telecommunications, systems, control, and product engineering.

COURSE TITLE: **Speech and Debate**
CREDIT: .5 EL Credit
GRADE LEVEL: 9-12
PREREQUISITE: None
CAREER INTERESTS: Important skills applicable to virtually all careers.

This is a 1 semester elective class offered in 2nd semester only. The first quarter will focus on basic speaking skills and acquiring a comfort level with public speaking. 2nd quarter will focus on debate skills. A debate is a structured argument that requires a lot of prior research. Research and logical argument skills are emphasized.

COURSE TITLE: **Criminal Justice**
CREDIT: .5 EL Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

Criminal Justice is a 1 semester elective offered in 1st semester only. The class will cover all aspects of the criminal justice system. The class is designed for students interested in working in the criminal justice field. Potential careers include policing, forensics, probation, court personnel, law and

corrections. The goal is to teach skills that students can use in every aspect of life while focusing on the functions of the criminal justice field. Students take with them an appreciation of the complexities of the government and the difficulty in managing justice in a democratic society.

COURSE TITLE: Creative Writing
CREDIT: 1 EL Credit (does not replace core Language Arts courses)
GRADE LEVEL: 9-12
PREREQUISITE: None

Creative Writing is designed for students to create original forms of descriptive writing, poetry, drama and fiction. Vocabulary development, creative writing techniques, and skills are explored. Students submit their work to local and national magazines. Computers and word processing are used for composition. Writings are presented orally and in written form. **Whole year commitment is encouraged for this course.**

Semester One: Creative Writing
Semester Two: The "Totem" project

COURSE TITLE: Leadership
CREDIT: 1 EL Credit
LENGTH OF CLASS: 1 Year
GRADE LEVEL: 9-12
PREREQUISITE: Instructor Approval - Must Apply

Leadership is a hands-on class where students develop leadership skills. Through creating and managing student activities from dances to assemblies to bulletin boards to homecoming, etc., students participate in an active class stimulating a positive school environment. Leadership class members assist the student council in making positive changes at VHS. **Whole year commitment is encouraged for this course.**

COURSE TITLE: Project Based Learning
CREDIT: .5 EL Credit per semester
LENGTH OF CLASS: .5 or 1 Year
GRADE LEVEL: 9-12
PREREQUISITE: Instructor Consent

Students will develop and implement multiple projects. Students will learn to develop ideas for projects, then plan, implement, and assess outcomes. Students will learn about personnel management, time

management, organization, community outreach, and community needs assessment. **Whole year commitment is encouraged for this course.**

COURSE TITLE: Outdoor School Counseling
CREDIT: .5 Credit
LENGTH OF CLASS: Training session: Booster Camp - August, Outdoor School: Sept
GRADE LEVEL: 9-12
PREREQUISITE: Selection by Outdoor School Counselor Selection Committee

Outdoor School Counseling is for the student who has a sincere desire to be involved in providing a quality outdoor experience for grade school children. The student will gain experience in leading small learning groups, being in charge of a cabin group, acting as a positive role model, encouraging appropriate behavior and cooperating with adult staff members in all activities related to running a successful camp program. Leading songs and/or skits at campfire is encouraged.

COURSE TITLE: School-to-Work
CREDIT: .5 to 1 EL Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: See Graduation Coach for Approval

Students at junior or senior status who are employed may request one to three periods of work experience. This typically means that students will not be scheduled into a regular class the last period of the day, but it can involve up to the last $\frac{1}{2}$ of the day. Verification of employment is required before placement. Ability to complete 90 hours on the job work for $\frac{1}{2}$ credit.

COURSE TITLE: Teacher Aide
CREDIT: .50 EL Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Consent from Principal

Teacher aides assist teacher in tasks, including copying, correction, filing and errands.

COURSE TITLE: Exceptional Children
CREDIT: .50 / 1 EL Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Commitment to take the course seriously

Exceptional Children: this class offers students (10th-12th) that enjoy working with younger students and students with exceptional traits the opportunity to receive grade credits during the upcoming year 2015/16. The class includes research into exceptional children and the opportunity to develop a volunteer practicum based on time interacting with our own Vernonia Exceptional Children.

COURSE TITLE: English Language Development
CREDIT: Varies - EL credit
GRADE LEVEL: 9 - 12
PREREQUISITE: Part of Student's Educational Plan

English Language Development: Course for English language learners, providing a balanced approach to English language development. Communication-based, content-based, and language-based lessons are tailored specifically to each student's ELL needs.

COURSE TITLE: Independent Studies Program (ISP)
CREDIT: Credit earned depends on courses completed
GRADE LEVEL: 9 - 12
PREREQUISITE: Consent from counselor

Use of the online or bookwork independent classes to recover credits. See Counselor to inquire.

COURSE TITLE: Off Campus
CREDIT: NO CREDIT
GRADE LEVEL: GRADE 12 ONLY
PREREQUISITE: Consent from counselor and parent

For Seniors on track to graduate. Sorry, but Students who have Off Campus are not allowed to be... on campus!