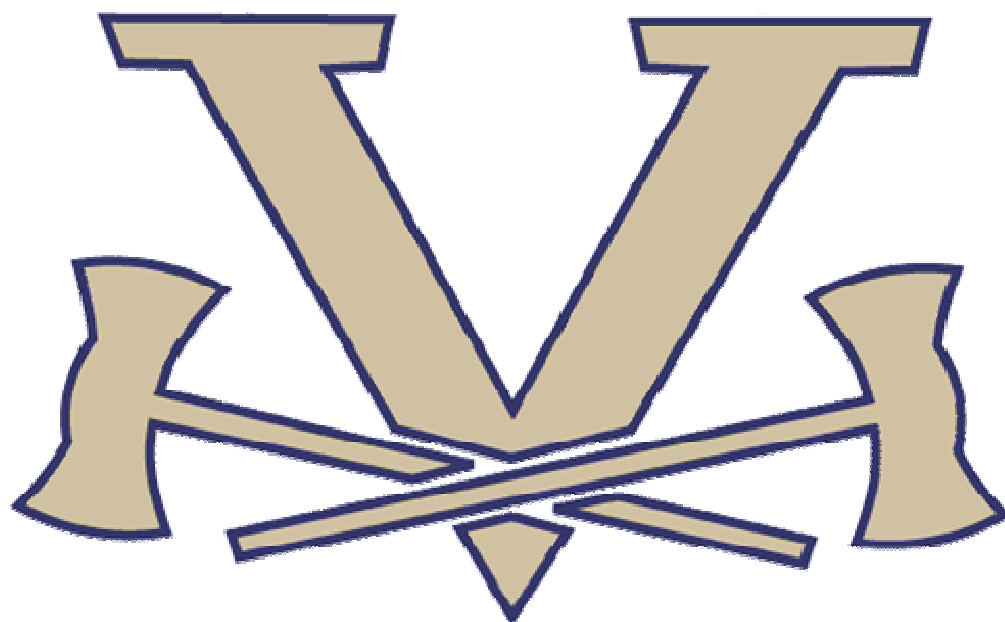


VERNONIA HIGH SCHOOL



COURSE DESCRIPTION HANDBOOK

2013 – 2014 SCHOOL YEAR

TABLE OF CONTENTS

SUBJECT	PAGE
Four Year Academic Plan	3 - 4
Language Arts (English)	5 - 7
Science	7 - 8
Social Science	9 - 10
Career Education	11
Mathematics	11 - 12
P.E. and Health	12 - 13
Performing Arts	13
Fine Arts	14
Industrial Technology	15 - 16
Business and Computer Technology	16 - 19
Second Language	19
Miscellaneous 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;"> <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													

Freshman				Sophomore			
Required	Credits	Earned	Review Date:	Required	Credits	Earned	Review Date:
Language Arts	1			Language Arts	1		PSAT
Global Studies	1			U.S. History	1		
Mathematics	1			Mathematics	1		
Science	1			Science	1		
Phys. Ed.	.5			Phys. Ed.	.5		
Health	.5			Health	.5		
Computer Apps	.5			Electives:	2		
Electives:	1.5						
	7				7		

Academic Goals:	Academic Goals:
Career Goals:	Career Goals:
Activities, Volunteer:	Activities, Volunteer:

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;"> <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				Senior			
Required	Credits	Earned	Review Date:	Required	Credits	Earned	Review Date:
Language Arts	1			Language Arts	1		
Economics	.5		ASVAB: PSAT	Government	.5		SAT ACT
Mathematics	1		SAT	Mathematics (optional)	1		College Fair
Science	1			Science (optional)	1		Career Fair
Personal Finance	.5			Modern Problems	.5		Financial Aid Night
Career Exploration 1	.5			Career Exploration 2	.5		
Electives:	2.5			Electives:	4.5		
	7				7		

Academic Goals:	Academic Goals:
Career Goals:	Career Goals:
Activities, Volunteer:	Activities, Volunteer:

Parent Signature: _____

LANGUAGE ARTS
4 credits (years) required

COURSE TITLE: **Reading I**
CREDIT: .5 or 1 Credit (Elective Credit)
GRADE LEVEL: 9 - 12
PREREQUISITE: Identify and teach effective reading strategies to students who need assistance in this area. *Teacher referral/recommendation and/or Reading Inventory Analysis.*

COURSE TITLE: **Introduction to Literature and Composition**
CREDIT: 1 Credit
GRADE LEVEL: 9
PREREQUISITE: Required 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 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 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: World Literature and Composition
CREDIT: 1 Credit
GRADE LEVEL: 12
PREREQUISITE: Intro to Literature/ Composition; Survey of Literature/Composition; American Literature/Composition

This is a survey course of World Literature and Advanced Composition. Students will read all genres of world literature including short stories, poems, novels, and plays. Responding to literature on a personal level and critically analyzing literature by providing textual support will be emphasized. Students will also be studying vocabulary writing essays, improving skills in grammar, usage, mechanics, and spelling.

COURSE TITLE: American Literature/Honors English
CREDIT: 1 Credit
GRADE LEVEL: 11
PREREQUISITE: Teacher Recommendation
CAREER INTERESTS: Any career choice. Excellent foundation for college.

American Literature/Honors English is designed for the 11th grade student whose ability qualifies him/her for college level work in literature and composition. Emphasis in the course will be on the perceptive and interpretive reading of some of the best works in the various literary forms on writing and speaking effectively and on the development of each student's responsibility for his/her own learning.

COURSE TITLE: World Literature/Honors English
CREDIT: 1 Credit
GRADE LEVEL: 12
PREREQUISITE: Teacher Recommendation
CAREER INTERESTS: Any career choice. Excellent foundation for college.

College Prep English is designed for the 12th grade student whose ability qualifies him/her for college level work in English. Emphasis in the course will be on writing and novel reading, but will maintain it as an honor's intensity to prepare students for the levels and pace they will face in college.

SCIENCE

3 credits (years) required

Three years of science are required for graduation. Most Freshmen take Physical Science and most Sophomores take Biology. 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 Biology. Students accepting this challenge are expected to be on a college prep program in which they plan to take four years of science including Advanced Biology, Physics and Chemistry.

COURSE TITLE: Physical Science
CREDIT: 1 Credit
GRADE LEVEL: 9
PREREQUISITE: None. Required Freshman class.

Physical Science is a beginning course that provides for the development of skills that are inherent in all branches of science. Through investigations and activities, students will gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting, and predicting. Topics of instruction will include the diversity, patterns, and interactions of matter; also, motion, forces, heat energy, electricity, magnetism, waves, sound and light.

COURSE TITLE: Biology
CREDIT: 1 Credit
GRADE LEVEL: 9 - 10
PREREQUISITE: Physical Science or Teacher Rec.; required sophomore 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 other year
CREDIT: 1 Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Two years of Science; Instructor Consent
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 other year
CREDIT: 1 Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Pre-requisite, 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: Advanced Biology
CREDIT: 1 Credit
GRADE LEVEL: 11-12
PREREQUISITE: 1 Year of Biology with C or better; instructor consent
CAREER INTERESTS: Health, medical, dental, ecology, forestry, marine systems, agriculture, soil science, marine science, zoology, horticulture, botany, any science field . . .

Advanced Biology is a two-semester course for students who have an interest in the advanced sciences and who are college bound. A high degree of independence is required and emphasis is placed upon examination as a form of assessment. Students will also be required to work alone and in groups on research, research papers and presentations. The first quarter is the study of genetics from Mendel to genetic engineering. The second quarter is the study of the higher vertebrates including mammals, and finishes with the study of human origins. Third quarter is a study of mammalian anatomy and physiology through the comparison of organ systems. Fourth quarter is the study of botany (plant science) and ecological relationships.

SOCIAL SCIENCE
Four Credits Required

COURSE TITLE: Global Studies
CREDIT: 1 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 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

The student will study a general chronological survey of historical events involved in the development of the United States beginning with the Age of Exploration and proceeding to the present. The student will learn how social structure, religion, economics, politics (including military activity) and geography have influenced the development of our country.

COURSE TITLE: U.S. Government
CREDIT: .5 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

The student will study early American government, the evolution of American government into its present form, and the impact of economics on the American political process. Also included is a study of Oregon state government and local government. The role of individual decision making is stressed throughout this course.

COURSE TITLE: **Modern Problems**
CREDIT: .5 Credit
GRADE LEVEL: 12; required senior class
PREREQUISITE: None

This course is designed to present students with the opportunity to explore and discuss issues of current interest to students. Topics covered include social, economic, ecological, national, and international problems.

COURSE TITLE: **Economics**
CREDIT: .5 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: **Psychology**
CREDIT: .5 / 1 Credit
GRADE LEVEL: 10, 11, 12
PREREQUISITE: Global Studies
CAREER INTERESTS: Social Services, Human Services

Introduction to the study of individual human behavior. An overview of the field of psychology, human growth and development, personality and behavior, and abnormal psychology.

Consumer Education

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

The student will acquire knowledge and develop skills in the management of personal resources for decision making in the areas of: employment and income, money management, credit, taxes, purchasing of goods and services, investments and real estate. The student will become aware of the rights and responsibilities of the consumer in the market place.

Career Education

COURSE TITLE: Career Exploration 1
CREDIT: .5
GRADE LEVEL: Required for all Juniors, 2nd semester

Career Exploration course helps students identify and evaluate personal goals, priorities, aptitudes and interests in the pursuit of effective career decision making.

COURSE TITLE: Career Exploration 2
CREDIT: .5
GRADE LEVEL: Required for all Seniors

College application, senior project and paper, career search, and more!

MATHEMATICS - Three Credits (Years) Required

COURSE TITLE: Algebra 1
CREDIT: 1 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 Credit
GRADE LEVEL: 9-12
PREREQUISITE: Algebra I

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: Algebra 2
CREDIT: 1 Credit
GRADE LEVEL: 9-12
PREREQUISITE: Geometry

Algebra 2 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.

COURSE TITLE: Trigonometry
CREDIT: 1 Credit
GRADE LEVEL: 10 -12
PREREQUISITE: Algebra II

Trigonometry deals with trigonometric identities, polar coordinates, logarithmic equations, and matrices.

COURSE TITLE: Pre-Calculus
CREDIT: 1 Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Trigonometry

Pre-calculus introduces the student to the derivative and integral and instruction on using math technology, such as graphing calculators.

PHYSICAL EDUCATION / HEALTH

One credit of physical education and one credit of health required

COURSE TITLE: P.E. I
CREDIT: .5 credit, Required to graduate
GRADE LEVEL: 9

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: P.E. II
CREDIT: .5 credit, Required to graduate
GRADE LEVEL: 10

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 Credit
GRADE LEVEL: 10-12
PREREQUISITE: P.E. 9 or Beginning Weight Training

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: Yoga
CREDIT: .5 Credit
GRADE LEVEL: 9
PREREQUISITE: None

Stretching & Breathing techniques.

COURSE TITLE: Health I
CREDIT: .5 Credit
GRADE LEVEL: 9
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 Credit
GRADE LEVEL: 9
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/AA/SL Requirement

COURSE TITLE: Band
CREDIT: 1 Credit
LENGTH OF CLASS: 1 Year
GRADE LEVEL: 9-12
PREREQUISITE: Grade 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. 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. **Full year commitment is required.**

FINE ARTS

Fulfills FA/AA/SL Requirement

COURSE TITLE: Art 1
CREDIT: .5/1 Credit
GRADE LEVEL: 9-12
PREREQUISITE: None

Art I is a yearlong class that introduces students to a variety of mediums, art history, and career possibilities. The following are projects that Art I students will explore: perspective drawings, freehand drawings, art history, scratchboard, linoleum block, printing, Silkscreen printing and wood-burning.

COURSE TITLE: Advanced Art
CREDIT: .5/1 Credit
GRADE LEVEL: 10-12
PREREQUISITE: Art 1 and Teacher Approval

Advanced Art is a yearlong class that builds upon the skills learned in Art I. Students further develop drawing skills, explore watercolor and acrylic painting, create stained glass projects, explore career possibilities, visit exhibits or the art museum, and prepare for college level art classes.

COURSE TITLE: Intermediate Art/Drawing
CREDIT: .5/1 Credit
GRADE LEVEL: 10-12
PREREQUISITE: Art 1

Students further develop their drawing skills with extensive free hand drawings of still life objects. Different mediums will be explored such as pencils, oil pastels, charcoal, and ink.

COURSE TITLE: Photography
CREDIT: .5 Credit
GRADE LEVEL: 10-12
PREREQUISITE: None

Students explore photography with the use of digital technology and media. Students will learn about basic composition, layout, and the development of photography's history.

INDUSTRIAL TECHNOLOGY EDUCATION

Fulfills FA/AA/SL Requirement

COURSE TITLE: **Construction 1/2**
CREDIT: 1 Credit
GRADE LEVEL: 9 - 12
PREREQUISITE: None

This course is designed for the student who would like hands on learning in the areas of metal fabrication. The student will learn techniques to safely use equipment in the areas of oxyfuel gas welding and cutting as well as the proper use of metalworking tools. Students will learn theory as well as hands on work with the welding equipment.

COURSE TITLE: **Construction 3/4**
CREDIT: 1 Credit
GRADE LEVEL: 10 - 12
PREREQUISITES: Construction 1/2

This construction provides a study of light frame construction techniques. It covers common residential construction materials, components and systems as related to wood frames structures. Students will acquire basic knowledge and skills required for construction of commercial and residential structures. This course provides experiences and information (typically including career opportunity and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, concrete, masonry, and so forth. Students engaged in activities such as blueprint reading, preparing building sites, starting foundations, erecting structures, finishing surfaces and providing basic maintenance. Applicable building codes are also discussed as they relate to various materials and methods of construction.

COURSE TITLE: **Construction 5/6**
CREDIT: 1 Credit
GRADE LEVEL: 11 - 12
PREREQUISITES: Construction 3/4

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: Construction 7
COURSE NUMBER:
CREDIT: 1 Credit
GRADE LEVEL: 12
PREREQUISITES: Construction 5/6

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.

BUSINESS/COMPUTER TECHNOLOGY

COURSE TITLE: Computer Applications
CREDIT: .5 Credit
GRADE LEVEL: 9; required freshman class
PREREQUISITE: None

Computer Applications is an introductory course that prepares students to operate Personal Computers (PC's) and create documents in Microsoft Works. The class supplies the basic concepts of the operating system and introduces computer technology. This course is required for graduation from VHS.

COURSE TITLE: Digital Arts 1
CREDIT: .5 Credit
GRADE LEVEL: 9 - 12
PREREQUISITE: Teacher approval

Digital Arts I is an art/design/video class. This course will teach students the basics of typography, layout, logo development, video editing, videography and multi-page layout. Students will gain experience with multiple software programs such as Windows Movie Maker, iMovie, Adobe Photoshop, Illustrator, Flash and InDesign among others. Students will have the opportunity to learn computer skills such as design, animation, illustration, video and sound editing. Creative problem solving and understanding visual layout will be a large focus of this class. This class starts with the basics skill and background levels in both art and computers and allows individuals to work at their own optimum pace. Art or computer background is not necessary to take this class.

COURSE TITLE: Digital Arts 2
CREDIT: .5 Credit
GRADE LEVEL: 9 - 12
PREREQUISITE: Teacher approval

Digital Arts II is an art/design/animation/video/basic web design class. We will work with industry standard computer programs such as Adobe Photoshop, Flash, Adobe Illustrator, Adobe Premiere, and Adobe After Effects among others. Students will be learning animation techniques, video production, digital editing and implementing story boarding strategies for video production. Examples of projects include but are not limited to designing CD covers and package design, infomercials, music video, stop motion and mock news casting stories. Creative problem solving and teamwork are emphasized in this course.

COURSE TITLE: Digital Arts 3
CREDIT: .5 Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Teacher approval

Digital Arts III students will be learning further basic video editing and production skills. Students will create several short films and will also have the opportunity to work on further developing higher end computer skills in individual interest areas. Students have a variety of options that will require self motivation and self direction. Software options are: Adobe Flash, Photoshop, Illustrator, InDesign, Premiere and After Effects, as well i-Movie. Assignment options are: Short film length animations and further illustration work. Students can also write, direct, produce and edit their own animations and video, or interactive web sites. Students have the opportunity to develop a strong portfolio of work for obtaining internships, scholarships, college entrance or jobs in the graphics or multimedia industry. Creative problem solving and teamwork will be emphasized. Students in DA III will also contribute to the school's weekly videocast of 411 and the school Athletic Program. DA III students will also develop a basic web page to display their work that demonstrates their abilities in the area of Technical Skills Assessment. This is a culminating course for the Design & Digital Arts Program, students are expected to be proficient in all of the areas mentioned above, but will be allowed to specialize by focusing predominantly in either Graphic Design or Video Production.

COURSE TITLE: Advanced Digital Arts
CREDIT: .5 Credit
GRADE LEVEL: 10 - 12
PREREQUISITE: Teacher approval

This course will allow a design student the opportunity to work on and complete various digital design project-based work for the internal and external community of Vernonia School District. Tasks will include: As assigned by instructor.

COURSE TITLE:	Game Design
CREDIT:	.5 Credit
GRADE LEVEL:	9 - 12
PREREQUISITE:	Teacher approval

Game Design is a new course available at Vernonia High School. We will be using the software *Game Maker* to facilitate the creation of games and subsequently accomplish the given assignments in this course.

Game design teaches:

- Creativity
- Technical Writing
- Psychology
- Story Arc
- Problem solving

WHY GAME MAKER??

Game Maker:

- ability to create games fast
- graphics that are easy to add in
- object-oriented and event driven
- drag and drop
- support for networking

This class could start you on a path toward a career in the video game industry or the software industry.

Video Game Industry Career Opportunities:

- 3D modeling
- Environment modeling
- Game design
- Game programming
- Level design

Software Industry Career Opportunities:

- Creation of applications
- Networking
- Maintaining old code
- Technical Support
- Web Design

SECOND LANGUAGE
Fulfills FA/AA/SL Requirement

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

Spanish I 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 Spanish-speaking world are presented.

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

Spanish II 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. Students also will learn about the Spanish-speaking world and its culture.

MORE ELECTIVES

COURSE TITLE: Introduction to Engineering Design
CREDIT: 1 Credit
GRADE LEVEL: 10-12
PREREQUISITE: None
CAREER INTERESTS:

Using 3D computer modeling software, students learn the design process and solve design problems for which they develop, analyze, and create product models.

COURSE TITLE: Engineering Design II
CREDIT: 1 Credit
GRADE LEVEL: 10-12
PREREQUISITE: None
CAREER INTERESTS:

COURSE TITLE: Natural Resources
CREDIT: .5/1 Credit
GRADE LEVEL: 10-12
PREREQUISITE: None
CAREER INTERESTS: Forester, game and fish fields, ecology, park ranger, interpreter, soil science, recreation manager/specialist, horticulturist, zoologist, fish hatchery technician, range land manager, fisher

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. 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: Yearbook
CREDIT: .5/1 Credit
LENGTH OF CLASS: 1 Year
***GRADE LEVEL:** 9-12
PREREQUISITE: Consent of instructor; rec. from English teacher; keyboarding skills.

Students will be responsible for the design and production of the high school yearbook. Learning experiences include designing yearbook pages using computer software. Students will sell ads in Forest Grove, Hillsboro, and Vernonia and will be involved in fundraising activities. Students will gain experience in taking photographs, meeting production deadlines, word processing, and working as a team in an on-the-job atmosphere. Students must be willing to participate outside of class as necessary. **This is a challenging course that requires commitment and a positive attitude.**

COURSE TITLE: Leadership
CREDIT: 1 Credit
LENGTH OF CLASS: 1 Year
GRADE LEVEL: 9-12
PREREQUISITE: Instructor Consent

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.

COURSE TITLE: World Folk Art
CREDIT: 1.0 Credit (Also available for 1 semester for .5 Credit)
GRADE LEVEL: 9 - 12
PREREQUISITE: None

Learn about Folk art in the US and all over the world. Participate in hands-on projects such as, quilting, mask-making, ceramics, murals, paper-mache, textile art, tin art, etc. Guest speakers/teachers may include local artisans, artists, and crafts-people. Possible field trip(s) to art exhibits and art studios.

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. Training will occur at Camp Wilkerson Booster Camp in the summer of 2002. In the Fall of 2002, students will be counselors for the 6th grade Outdoor School Program.

COURSE TITLE: School-to-Work
CREDIT: .5 to 1 Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Currently Employed

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 Credit
GRADE LEVEL: 11 - 12
PREREQUISITE: Consent from principal

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

COURSE TITLE: Independent Studies Program
CREDIT: Varies
GRADE LEVEL: 9 - 12
PREREQUISITE: Consent from counselor

Use of the EdOptions system to recover credits. This class is an application only class. Seniors in danger of not graduating will be the first to be enrolled.

COURSE TITLE: Late Arrival / Early Release
CREDIT: NO CREDIT
GRADE LEVEL: GRADE 12 ONLY
PREREQUISITE: Consent from counselor and parent

Students on Senior Release will not be allowed to be on campus.