

Willamette Valley Christian School
Course Descriptions
(updated 2/2019)

LANGUAGE ARTS

ENGLISH I

Grade 9 (Full Year)

English I will focus on building strong writing skills. Students will practice these skills through in-class activities and various writing assignments with particular attention paid to the 6-traits writing foundation in the basic four modes of writing: descriptive, narrative, persuasive, and expository. Students will also be introduced to a variety of literary forms: short story, novel, poetry, and drama. The focus of literature will be on three divisions: marks of literature (imaginative comparisons, sound and syntax, and thought and theme), the modes of literature (allusions, symbols, and irony), and the forms of literature (biography short fiction, lyric poetry, drama, and personal essay). In addition, students will be exposed to the classics through such novel units as *Great Expectations*. Vocabulary, spelling, grammar, and punctuation will also be studied to reinforce writing, reading, and communication skills.

ENGLISH II

Grade 10 (Full Year)

Prerequisite: English I

English II will continue student exposure to a variety of literary forms: short story, novel, poetry, and drama. The students will practice written forms of expression, concentrating on the four modes of writing: narrative, descriptive, expository, and persuasive while focusing on the 6-traits of writing and developing their own voice and style. Students will also study the fundamentals of prose and poetry (conflict, character, theme, point of view, moral tone, meter, and rhyme). In addition, class novel units will be incorporated. In order to reinforce basic communication skills, students will continue in vocabulary and spelling as well as grammar and punctuation.

ENGLISH III

Grade 11 (Full Year)

Prerequisite: English II

English III is designed to help the student improve communication through the written word by mastering advanced writing and reading skills, while studying American literature. Novel units will focus on such classics as *The Scarlet Letter* and *To Kill a Mockingbird*. The course will also reinforce basic communication skills in the forms of vocabulary, grammar, and speaking and will improve critical thinking skills through reading, evaluation and writing about literature. Focus will also be on developing the students' voice and style in writing. MLA style documentation will be taught through a formal research paper.

ENGLISH IV

Grade 12 (Full Year)

Prerequisite: English III

English IV combines British Literature and Composition for the college-bound student, including an increased use of literary criticism. Students will study several authors and novels using analytical writing and reading skills. Novel units will focus on such classics as *The Tale of Two Cities* and *Lord of the Flies*. Throughout the year, students will be enhancing their essay writing skills through the modes of narrative, descriptive, literary analysis, comparison/contrast, and a peer-reviewed summary. The students will also prepare an expository or persuasive paper or project to combine with a formal speech and power point presentation as part of the students' senior project.

Concurrent Credit College Writing: (credits through Northwest University)

COURSE PREREQUISITES:

Successful completion of Junior English including the study of American literature. Students must meet minimum writing/grammar skills as approved by the WVCS English instructor.

COURSE TITLE: ENGL 1013 COMPOSITION I

CREDIT HOURS: 3

This course develops the written skills and cognitive processes necessary for the production of effective discourse. Through the study of British literature, novel units, short stories and poetry, students will develop critical reading skills and write formal and informal essays in response to their readings using the MLA style guide. This course will also expand the writing process to include meta-writing, multiple drafts, and revision and editing techniques. In addition to possessing a clear command of the outcomes necessary for successful completion of ENGL 1013, students will participate in editing activities, reading responses, process drafts, multiple revisions, and other writing-intensive activities.

COURSE TITLE: ENGL 1023 COMPOSITION II

CREDIT HOURS: 3

This course enables students to sharpen critical and analytical thinking skills through reading and writing. The course enables students to develop research skills using library and internet research to develop the ability to analyze and present arguments. Although students compare Modern Language Association (MLA) and American Psychological Association (APA) formats, the writing standard for this course is the APA format.

Spanish I

Grade 9 (Full Year)

Spanish I is an introductory high school class for students to develop Spanish conversational skills. Students will practice greetings, verbs, conjugations, vocabulary, and verses in order to be able to communicate with Spanish speakers. This course is designed to use directly for daily and future ministry among God's created people. Success depends on classroom interaction coupled with independent practice outside of class.

Spanish II

Grade 10 (Full Year)

This is a yearlong course in Spanish language and culture. Students will learn correct pronunciation, present, past and future tense conjugations and heighten their ability to converse through daily vocabulary review, dialogue practice, listening and interacting with audio, and memorizing Scripture. All 5 language competencies (listening, reading, writing, speaking, and culture) in Oregon State Standards will be utilized in class. Daily progress and speaking ability depends on classroom interaction coupled with independent practice outside of class.

Speech

Grade 12 (One Semester)

Students will be instructed in the different formats and styles of public speaking. They will also learn how to research materials for a speech, interview others for information, and how to compile information in a speech format. Students will also gain experience in public speaking by writing and presenting their own speeches on a variety of topics in front of the speech class. These opportunities will help prepare them for their final project which will include a 12-15 minute oral presentation on a topic of their choice.

BIBLE

Grade 7 & 8 (Odd Years/Even Years)

Old Testament Survey / New Testament Survey

The student will develop an understanding of the Bible as a whole. The major historical periods, characters, and events of the Old Testament/New Testament will be discussed and applied to the Christian walk today. The goal will be for the student to fall in love with the Bible and see how relevant it is today.

Grades 9 & 10 (Odd Years)

The Life of Jesus Christ

The student will develop an understanding of the life of Jesus Christ. The student will learn the geography of the Holy land and how it helps in our understanding of the Bible. The life of Christ will be studied in chronological order and then applied to everyday life.

Grades 9 & 10 (Even Years)

Essential Christian Doctrine and the Parables of Christ

This study will focus on the 16 essential doctrines of Christianity, what they mean and why they are important. Time will be given to explore other “non-essential” doctrines in an attempt to understand why there are so many Christian denominations. The remainder of the class will be spent leaning about the many parables that Jesus used in His teaching.

Grades 11 & 12 (Odd Years)

Christian Spiritual Disciplines and Intro to Theology

The first part of the year will be an overview of the major biblical disciplines and how to use them for spiritual growth. Time will be spent in class practicing those spiritual disciplines for proficiency. The second part of the year will be a survey of the major theological teachings of the Bible, finding out what the Bible has to say on a variety of topics.

Grades 11 & 12 (Even Years)

How to Defend the Bible and How to Study the Bible

This class will focus on teaching students how to defend their faith. Students will know what Christians believe and why and be prepared to give an answer for the hope that lies within them. Lastly; students will learn how to study the Bible. This will help in their understanding and application of future Bible passages in the rest of their lives. Students will also be able to conduct their own personal Bible studies. The book of Philippians will be used as our sample study.

CAREER EDUCATION

Career I

Grade 9 (One Semester)

One semester credit class designed to give students an overview of daily living and how to manage their life with basic skills once they have moved out on their own. Areas to be covered in class will include, but are not limited to, shopping, cooking, cleaning, sewing, budgeting and preserving memories. We will also touch on other miscellaneous areas as time allows.

Career II

Grade 10 (One Semester)

Students will be exploring various career options through personal research and community speakers. A college/career portfolio will be a major focus of this class; students will be required to create their own resume, and continue maintaining the portfolio through both their junior and senior years.

Career III

Grade 11 (One Semester)

Students will be building a college/career portfolio. Information to be covered includes, but is not limited to, SAT practice, college entrance essay writing, financial aid, FAFSA, scholarships, and on-campus college visits. The portfolio will prepare the students for colleges and careers in today's world, what it takes to be successful, and the preparation needed to achieve one's goals. Students will go through the process of applying to a college and as a class, we will visit a community college, private college, and public university during the school year. A minimum of four hours of job shadowing in a prospective career field will be required of each student.

Business

Grade 12 (One Semester)

Students will continue building a college/career portfolio. The portfolio will prepare the students for colleges and careers in today's world by guiding them through what it takes to be successful and how to prepare for what is needed to achieve one's goals. In preparation for the career world, the students will learn about entrepreneurship and business options and will be asked to create and run a business simulation within the school which will require them to participate in business decision making, team building, and financial planning.

SCIENCE

Physical Science

Grade 9 (Full Year)

Physical Science is an overview course which deals with the study of earth and geology, space, chemistry, and physics. Topics include plate tectonics, mountain structure and formation, rock identification and classification, the nature of the solar system, stars, galaxies, and deep space objects, history of space exploration, meteorology, composition of matter and the relationships between matter and energy, stoichiometry, Newtonian laws of matter and motion, forces, sound, light, and electromagnetism.

Students learn essential skills in laboratory work, measurement in the metric system, accuracy in measurements, problem solving and graphing. Learning techniques include laboratory experiments, demonstrations, class discussion and problem solving.

General Biology

Grade 10 (Full Year)

Biology is a class that covers the essential topics of cell biology, including prokaryotic and eukaryotic cells, organelles and their functions, cellular metabolic processes, cellular division, and cellular membrane processes, of genetics, including Mendelian laws, punnett squares, the nature of DNA, replication transcription, and protein synthesis, mutations and mutagens, and biotechnology of taxonomy, including microbiology, botany and zoology, and of origins biology, including Darwinian evolution, punctuated equilibrium, intelligent design and Creationism, as well as critical critiques of all of these. Format is primarily lecture and discussion, with weekly reading assignments, written assignments, and a minimum of two weekly labs added to reinforce lecture. Use of the microscope, is an emphasized laboratory technique and laboratory work also includes dissection, DNA extraction and problem solving.

Human Biology

Grades 11-12 (Full Year)

Prerequisite: General Biology

College Credits (additional cost): Northwest Nazarene University

Human Biology is a university level introductory course to functional anatomy and physiology. The course will cover a review of Biology and Chemistry as it pertains to Human Systems, terminology, the relationships of structure to function, the anatomy, physiology, diseases of, and interrelations among organ systems, and the relationship of each organ system to homeostasis. In addition, students will be taught the techniques of dissection and laboratory testing, clinical analysis through case study, and careers in the health field. May be used for Health II credit.

General Chemistry

Grades 11-12 (Full Year)

Prerequisites: Algebra I and Physical Science

4 Credits (additional cost): Northwest Nazarene University

General Chemistry is a university level course in which students will develop a deeper understanding of the characteristics and composition of matter, chemical reactions, and the mathematical relationships involved in chemistry. Students will study measurement, atomic structure/quantum theory, the mole concept, periodic organization, chemical nomenclature, chemical bonding, chemical reaction equations, stoichiometry, polarity, the gas laws, phase diagrams, theories of acids and bases, kinetics, chemical equilibria pH and electrochemistry. Laboratory techniques will include calorimetry, distillation, titration, and other basic techniques of a college chemistry lab.

MATHEMATICS

Algebra I (Full Year)

Students will formalize and extend the mathematics learned in the middle grades. They will focus on linear and quadratic functions, with an introduction to powers and roots, and develop their skills in simplifying expressions, solving equations and inequalities and analyzing functions. Students will apply linear models to data that exhibit a linear trend, and use a variety of methods to analyze, solve and apply quadratic functions. Graphing calculators are introduced and used primarily in the second semester to explore new models and perform complex computations. The eight Mathematical Practice Standards will be emphasized throughout the course, so students will experience mathematics as a coherent, useful and logical subject that makes use of their ability to make sense of problem situations. This course is the first year of a standard 3-year college preparatory sequence.

Geometry (Full Year)

Prerequisite: Algebra I

Students will extend their experiences with concrete applications of congruence, proportional reasoning and measurement to a more abstract level. They will develop criteria for triangle congruence and develop formal proofs. Students will formalize the criteria for similarity of triangles and apply this to indirect measurement strategies including the Pythagorean Theorem, right triangle trigonometry and the Laws of Sines and Cosines. They will apply analytic (coordinate) geometry to work with parallel and perpendicular lines and properties of quadrilaterals and circles, and connect geometric figures with algebraic equations. The eight Mathematical Practice Standards will be emphasized throughout the course. This course is the second year of a standard 3-year college preparatory sequence.

Algebra II/Advanced Algebra (Full Year)

Prerequisite: Geometry

After a review of linear and quadratic functions, students will focus on higher-degree polynomials, exponential, logarithmic, rational and radical functions. They will simplify expressions, solve equations and inequalities, analyze transformations of these functions and apply these functions to represent and solve real-world problems. Students will work with analytic, graphic and numeric representations of these functions. Graphing calculators will be used to support their work with transformations and confirm the results of their analytic work. The eight Mathematical Practice Standards will be emphasized throughout the course. This course is the third year of a standard 3-year college preparatory sequence.

Pre-Calculus (Full Year)

For an additional fee, students have the option to enroll in Chemeketa's College Credit Now! program to receive 10 concurrent college credits. 1st semester - MTH 111 College Algebra (5 credits), 2nd semester – MTH 112 Trigonometry (5 credits).

Prerequisite: Earn a C or better in Algebra II/Advanced Algebra

Students will master the analytic, graphic and numeric representations of twelve basic functions including polynomial, exponential and trigonometric functions. The use of functions to model real-world behaviors will be emphasized. Graphing calculators will be used to explore the properties of the functions and to support the analytic work in solving equations and inequalities. Performing matrix operations and solving matrix equations will also require graphing calculator technology. The course will include units focusing on analytic and applied trigonometry.

Calculus (Full Year)

For an additional fee, students have the option to enroll in Chemeketa's College Credit Now! program to receive 10 concurrent college credits. 1st semester - MTH 211 Differential Calc. (5 credits), 2nd semester – MTH 212 Integral Calc. (5 credits).

Prerequisite: Earn a C or better in Pre-Calculus

Students will find limits graphically, numerically and analytically. They will see how the concept of limit is used in developing strategies to find derivatives and integrals. The students will find derivatives and integrals graphically, numerically and analytically. They will then apply derivatives and integrals to real-world problems finding rate, length, area and volume.

PHYSICAL EDUCATION / HEALTH

Physical Education

Grades 9-12 (Full Year)

Team and individual sports, aerobic activities, strength and flexibility, and group games are used to allow students to develop skills that will allow them to increase and enhance their physical activity and understand why these activities are beneficial for their health. Students learn to apply these skills in the culminating activity of creating their own workout and nutritional plan.

Weights

Grades 9-12 (Full Year)

In this class students will develop skills that will allow them to increase and enhance their muscular strength and endurance and understand why it is beneficial for their health.

Health

Grades 9-10 (One Semester Each)

Health is a class that will examine lifestyle and decision making for children and adults. Course is divided into modules that study drug alcohol and tobacco, recognition, prevention, and treatment, nutrition, physical activity, and an introduction to athletic injuries, communicable disease recognition, prevention, and treatment, mental health issues, community and environmental health, and reproductive health and decision making. This course will approach all of these topics from a specifically Christian World View.

SOCIAL STUDIES

Geography

Grade 9 (One Semester)

This course is designed for students to learn about the location, topography, cultures and peoples, climate, religions, economic systems, etc. of various countries around the world. The main focus of the course will be on Asia, Europe, Africa, Australia, The Pacific, Antarctica, North and South America, including maps for each area.

World History

Grade 10 (Full Year)

Students will study world history beginning with the Age of Enlightenment through the Modern Era and the most recent events in the news today. Each era will be examined according to the church's level of involvement and influence on crises and leaders. Special emphasis will be placed on the causes, patterns and outcomes of revolutions in Europe with a comparison of the American Revolution.

U.S. History

Grade 11 (Full Year)

This course is designed to acquaint students with all areas of American social studies including history, geography, government, economics and sociology. Lessons and readings will also focus on the role of the church during the post-civil war era and throughout America's modern history to today. These areas will be examined through the lens of a Christian worldview. The course will begin with the Age of Enlightenment through the Modern Era and the most recent events in the news today. Each era will be examined according to the church's level of involvement and influence on crises and leaders.

American Government

Grade 12 (One Semester)

This class is designed to explain the historical foundations and principles of our American Government system and the application of those principles today. By defining our system of government as a democratic republic, the major forms of government are defined from the local to federal government, as well as stressing the freedoms and responsibilities of citizen involvement. Special emphasis is placed on the role of biblical influence in the development of our government over the years to the current impact that the Church has on political decisions our leaders make today.

Contemporary Issues

Grade 12 (One Semester)

This course is a comparative study of various worldviews from history to today. The course begins with foundational teachings of a Christian perspective and then broadens to include various schools of thought and religions that the student will encounter in the world. The purpose and goal of this class is to prepare the student to understand biblical foundations and be able to uphold and defend these truths in the face of challenging worldviews.

Computer

Grades 9 & 12 (one semester each)

Computer 9

Grade 9 (One Semester)

Students will practice proper keyboarding and word processing techniques to increase wpm and accuracy and complete a variety of projects using Microsoft Office Applications such as Excel, Word and PowerPoint. They will also become familiar with file management on a network, as well as MetaCard scripting, and write basic HTML code in order to create a web page.

Computer Literacy

Grade 12 (One Semester)

This course will provide an introduction to PowerPoint for design, digital photography, toolbar functions, text manipulation and special effects, and the use of PowerPoint as part of their senior project. Students will use HTML and demonstrate the ability to create a basic web page using HTML code (Head, Title, Body), add images to a page, add content to web page, create a hyperlink on a page, create background and font color, and link to a downloadable file on a web page. Students will use Microsoft Excel and a set of data to create worksheet-data entry, charts and graphs.

ELECTIVES

Advanced Project Science

Grades 9-12 (One Semester)

This course is an elective course in which students do “hands on” active science. The course will include competition in a national competition to produce an ROV, a remotely operated underwater vehicle to perform specific tasks. Course emphasizes creative thinking, problem solving, design and planning, and team work towards specific goals.

Art

Grade 9-12 (One Semester)

The purpose of this course is for students to learn to express themselves and to be creative. Through art, one can learn to see or view things in different ways. Art can help students become more aware of themselves, their feelings, and their surroundings. Art and creativity may be used to help solve problems, develop self-expression and enjoy life more.

Art History

Grade 11 (One semester)

This course discusses historical background for an art lesson or shows reproduction or original works of art. It also discusses the art principles (rhythm, balance, unity, variety, emphasis, and proportion) and art elements (line, shape, form, color, value, texture, and pattern) which are used to achieve art principles.

ASL (American Sign Language)

Grades 9-12

American Sign Language 1 is an introduction to sign language. This class includes basic grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. This course is the first in a series of classes to develop the skills, knowledge and understanding of the Deaf Community and its culture.

Cakes Candies and Crafts (CCC)

Grades 9-12 (One Semester)

In this course students will enhance their cake decorating, cooking, and crafting skills by using Wilton’s decorating course 1 and 2, techniques for cooking various food items, and DIY crafting through hands-on projects.

Choir (9th period before school)

Grades (middle school/high school)

This course consists of an early morning class before school and will focus on learning about the physical anatomy of your singing instrument and how the whole body has a part in creating your musicality. You will develop musical skills including sight reading rhythm, melody, and harmony as well as creating and performing a variety of choral literature, coming aware of context.

Drama

Grades 9-12 (Full Year)

This course will include class discussions, readings and performances of a variety of theatrical material. Students will be expected to present their views in writing, discussion and dramatically.

Independent Living

Grades 9 – 12 (One Semester)

This course is designed to acquaint young people with some basic facts and skills in preparation for single adult living. Students will be cooking, sewing, keeping a checkbook and balancing a budget.

Outdoor GPS Adventure/Projects

Grades 9-12 (One Semester)

Outdoor GPS Adventure is a program using the natural environment to help students learn experientially and strengthen outdoor skills. It is designed to create a life-long respect and love for nature, their physical well-being, and community. Projects will revolve around natural science and community.

Photoshop and Digital Media

Grades 9-12 (One Semester)

This course will provide an introduction to Photoshop and digital photography as well as an introduction to the elements and principles of design. Students will use digital images and Photoshop to complete assignments and projects.

Weights

Grades 9-12 (One Semester)

In this class students will develop skills that will allow them to increase and enhance their muscular strength and endurance and understand why it is beneficial for their health.

Woodworking

Grades 9-12 (One semester)

Woodworking will provide students with a basis for beginning/intermediate wood crafting skills through hands-on projects.

Worship

Grades 9-12 (Full Year)

Prerequisite: Interview with instructor. Instrumentalists must also have taken or be currently enrolled in private lessons.

Students will expand their musical skills as they learn to lead and facilitate worship as a team. They will rehearse daily in preparation for middle school and high school chapels each week. Opportunities include singing, playing piano, acoustic or electric guitar, bass guitar and drums.

Videography

Grade 9-12 (semester)

This class will focus on developing the skills necessary to create a high-quality video production. These skills include basic post-production special effects using Adobe After Effects, audio enhancements via Adobe Audition or free equivalents, and video editing through Adobe Premier and DaVinci Resolve. Moreover, this class will go over the processes of production which include story-boarding, script writing, cinematography, lighting, audio and other miscellaneous tasks and skills. All involved students will be expected to participate as actors in production and subsequently skills related to acting on film will be addressed.

Yearbook

Grade 9-12 (Full Year)

Prerequisite: Teacher references and interview

The yearbook is an extension and a historical account of our school that will represent Willamette Valley Christian School for generations to come. As a class, you are to work as a team to document the current year for a lifetime of memories for the students and families.