



NORTHWEST CHRISTIAN HIGH SCHOOL

Course Catalog
2022-2023

Table of Contents

Introduction	4
Bible Department	4
Bible 1: Christian Scripture	4
Bible 2: Christian Theology	4
Apologetics Applied	4
John & Romans	4
Spiritual Formation	5
Religions of the World	5
English Department	5
English Fundamentals	5
TOEFL	5
English 9	5
Honors English 9	5
English 10	5
Honors English 10	5
Literature	5
AP English Literature & Composition	6
Creative Writing 1	6
Creative Writing 2	6
Author Assistant Internship	6
Public Speaking	6
Social Studies Department	7
World History	7
US History	7
AP US History	7
US Government/Economics	7
US Government	7
Honors Economics	7
Mathematics Department	8
Math Fundamentals	8
Algebra 1	8
Algebra 2	8

Business Math	8
Geometry	8
Pre-Calculus	8
Calculus	8
AP Calculus AB	9
AP Calculus BC	9
Discrete Mathematics	9
Linear Algebra	9
World Languages Department	9
Spanish 1	9
Spanish 2	9
Spanish 3	10
Spanish 4	10
Science Department	10
Physical Science	10
Environmental Science	10
Biology	10
AP Biology	10
Chemistry	10
Human Anatomy & Physiology	11
Fine Arts Department	11
Band	11
Guitar 1	11
Guitar 2: Advanced Guitar and Songwriting	11
Vocal Ensemble	11
Drama	11
Theater Production	12
Visual Arts Department	12
Art 1	12
Art 2	12
Publication (Yearbook)	12
Broadcast Journalism & Film	12
Physical Education Department	12

Health	12
Extra-curricular Sports	12
Physical Education	12
Weightlifting	13
Electives and Occupational Education	13
Leadership	13
Engineering 1: Introduction	13
Engineering 2: Engineering Design	13
NCHS & Beyond	13
Teacher Assistant	13
Field Experience	13
Concurrent Credit Program	14
Appendix	14
Graduation Requirements	14
Course Credit Tracker	14
Community Service Ledger	14
NCHS and Beyond	14

Introduction

At Northwest Christian High School our philosophy is based on a God-centered view that all truth is from God. Our aim is to provide a Christian perspective on the total worldview from which will come a balanced personality and a proper understanding and acceptance of a person's role in life—at home, at work, at play and at worship—all grounded in the Christian concept of love.

Our energies will be focused to promote high academic standards while helping the students achieve skill in creative and critical thinking. The objective of our instructional program is to enable the student to pursue excellence in moral character, academics and service to others.

Bible Department

Bible 1: Christian Scripture - This course introduces both historical and spiritual aspects of the Old and New Testaments with an emphasis on Jesus (Messiah in the Old Testament) being the major focus. Students will interpret the Bible using historical, cultural, and grammatical context from which it derived. Students will develop the skills to practice a methodical approach to the observation, interpretation, and application of the Scripture across its various genres: Pentateuch, Historical, Wisdom and Poetry, Prophets, Gospels, Church History, Pauline Epistles, General Epistles, and Apocalyptic. By the end of the course, students will be familiar with every part of the Bible and how it uses language to communicate who God is, who we are, and the big redemptive story that we are all living. *1.0 Bible Credit*

Bible 2: Christian Theology - Bible 1 is a prerequisite. This is a practical overview of Christianity designed to allow the student to better understand and put into practice a wide range of biblical concepts. As believers in Christ and servants of God, Christians are ever working to come to an increasingly complete view of the Christian faith in its wholeness. Students will learn about the problem of sin in creation and the redemptive work of Christ, as described in the narrative of Scripture, and how the Gospel transforms every aspect of life. *1.0 Bible Credit*

Apologetics Applied - What do the sciences of physics, astrophysics, quantum physics, biology, virology, microbiology, forensics, paleontology, archeology, and others show us about the Bible and its evidence for God and the person known as Jesus? How can this knowledge be applied today when facing ethical concerns? How do we apply critical inquiry and a little bit of Latin and Hebrew to today's real world issues. *1.0 Junior/Senior Level Bible Credit; Prerequisites are Bible I and Bible II*

John & Romans - The course will primarily focus on the biblical texts of John and Romans. The first semester will be an in-depth study of John which will examine the context in which it was written, identify the major themes, and apply the text to daily living. The students will also explore a parallel of the other canonical gospels alongside John. The second semester will cover the book of Romans. We will survey the life of Paul and his role in spreading the Gospel. We will also learn the significance of the Gospel and its application to our lives today. *1.0 Junior/Senior Level Bible Credit; Prerequisites are Bible I and Bible II*

Spiritual Formation - Special approval must be given from the instructor. Spiritual formation is about living all of life before God, in the transforming and empowering presence of God's Spirit. This course introduces the important subject of Christian spiritual formation, including teaching, practice, community, the inner life and the Holy Spirit, and how they can deepen their relationship with God and discover a life in apprenticeship to Jesus. *1.0 Junior/Senior Level Bible Credit; Prerequisites are Bible I and Bible II*

Religions of the World - An introduction from an academic standpoint to the history and practices of the major religious traditions of the world, including Buddhism, Christianity (Roman Catholicism, Eastern orthodoxy, and Protestantism), Hinduism, Islam, Judaism, Confucianism, Taoism, etc. through the lens of a Biblical Christian Worldview. *1.0 Junior/Senior Level Bible Credit; Prerequisites are Bible I and Bible II*

English Department

English Fundamentals - The student will solidify intermediate English skills in the areas of reading, writing, listening, and speaking. Opportunities are given for the student to acquire necessary tools to help enter English educational environments with confidence. *1.0 English Credit*

TOEFL - For international students or students that speak English as a second language. They will develop English language skills in reading, listening, speaking, and writing that prepare them for the TOEFL exam. *1.0 English Credit*

English 9 - Emphasizes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting. An emphasis on vocabulary and composition skills will be an on-going part of the program. The course includes studies of various literary genres: short story, poetry, novel, drama, and non-fiction. The development of critical reading and writing skills is a major emphasis of the course. *1.0 English Credit*

Honors English 9 - Includes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting expected in English 9 standards. Honors students will also analyze, critique, and create literature at a deeper level. *1.0 English Credit*

English 10 - Explores poetry, dramas, short stories, and novels which includes the following: Frankenstein, Fahrenheit 451, Light Night, and The Merchant of Venice. In addition to literary analysis, each student will effectively write various kinds of essays. *1.0 English Credit*

Honors English 10 - Explores poetry, dramas, short stories, and novels which includes the following: Frankenstein, Fahrenheit 451, Light Night, and The Merchant of Venice. In addition to literary analysis, each student will effectively write various kinds of essays. Honors includes more in depth literature review, deeper critical thinking, and a higher standard of essay writing. *1.0 English Credit*

Literature - A novel based course which analyzes American and British Literature. There is also study of literary devices, themes, grammar, vocabulary, and spiritual implications of each novel read as well as a unit on poetry. *1.0 Junior/Senior Level English Credit; Prerequisites are English 9 and English 10*

AP English Literature & Composition - Literary analysis of British Literature. Literature that will be studied include the following: Beowulf, The Canterbury Tales, and Macbeth. In addition, we will look at excerpts from novels of the times including Great Expectations, Jane Eyre, Frankenstein, and more. Students will be responsible for reading one full novel on their own each quarter from the list of approved British Literature novels and doing a project/presentation and two full essays required for this class. Honors students will have additional writing activities that go more in depth. AP students will have additional writing activities throughout the year to prepare them for the exam. *1.0 Junior/Senior Level English Credit; Prerequisites are English 9 and English 10*

Creative Writing 1 - The student will analyze good literature and work on incorporating those skills into their writing. Throughout the year, students will write an original poem, short story, one-act play, and a novella or novel. As sharing writing is one of the best ways to improve, students will be required to share their writing in small groups and with teacher and peer feedback sessions. We will discuss plots, characters, word choice, genres, and more. Daily writing activities will be required along with longer quarter based projects. Every Wednesday will be set aside for Write Off days. These are days specifically dedicated to writing and are meant to be fun and structured. It is automatically an Elective if taken before senior year. *1.0 Elective Credit or Senior English Credit*

Creative Writing 2 - Using the foundation established in Creative Writing 1, students will apply that to a longer literary work with the end goal of getting the work published. We will incorporate weekly writing critique sessions to improve writing and will discuss indie publishing as well as how to apply for a traditional publishing contract. In addition, we will discuss the basics of marketing and newsletters which are foundational for all authors. *1.0 Elective Credit Senior English Credit*

Author Assistant Internship - By invitation only. Prerequisite Creative Writing 1. This is a hands-on class for an aspiring author or someone who would like to be a personal assistant for an author or similar job. The student will learn how to edit audio files, set up a newsletter, engage with readers on social media, set up and monitor ads, join promotions, and more. Attention to detail and a good grasp of grammar and writing are a requirement. A student who has published or will have a book to publish will also be able to apply each skill with their own book. *1.0 English Credit or Occupational Education Credit*

Public Speaking - Public Speaking (not sure what you're naming this) is an introduction to the foundations of the field of communication. The course will give an introduction to the communication process, communication theories, areas of communication, how communication affects society and research in the field. It will provide the student with a broad examination of the field of communication with a focus on the theories in each area of communication. The course focuses on the academic objective of developing critical thinking skills and analyzing content in written and oral forms. *1.0 English Credit; Available for Concurrent Credit*

Social Studies Department

World History - The student will study seven major units that include: The Ancient World, The Eastern World, The Medieval World, The Awakening World, The Enlightened World, Change Across Europe, and The Modern World. Students will examine social, political, and religious patterns that occur throughout history. *1.0 Sophomore Level Social Studies Credit*

US History - Designed to provide students with a basic account of United States History beginning with its discovery and colonization and ending with present day events. In this course, students will study people, events, groups, movements, and ideologies that have dramatically shaped and impacted the development of the North American continent. This course will help students analyze and understand how and why the U.S. has become the nation it is today. *1.0 Junior Level Social Studies Credit*

AP US History - In order for a student to be enrolled in AP US History, he or she must have earned a “B” average or higher in World History and obtained teacher’s approval to join the class. A survey of American history from the era of exploration to the present day that examines the nations’ political, diplomatic, intellectual, cultural, social, and economic history. A variety of instructional approaches will be employed, and a college level textbook will be supplemented by primary and secondary sources. *1.0 Junior Level Social Studies Credit*

US Government/Economics - The student will focus on how economic principles permeate many of the decisions we make in life. Students will establish the basics of economic terminology and then proceed through these economic principles, seeing how they measure up to the underlying principles of Christian values. During the other semester, students will learn about the beginnings of the American political system, the basic principles of democracy and the rights and responsibilities of citizens according to the Constitution. Students will also study the American party system, campaigns, elections, and the three branches of government. *1.0 Senior Level Social Studies Credit*

US Government - An introduction to American politics from the 18th century to the present. Major themes and events include the writing of the U.S. Constitution, the development of American political principles and institutions, and contemporary political practices and issues in the U.S. Additional outside reading and writing assignments will be incorporated. *0.5 Senior Level Social Studies Credit; Available for Concurrent Credit*

Honors Economics - One quarter of this senior level class will focus on how economic principles permeate many o-f the decisions we make in life. Students will establish the basics of economic terminology and then proceed through these economic principles, seeing how they measure up to the underlying principles of Christian values. A personal finance component will make up the other quarter of the class. Students will focus on real world skills such as budgeting, taxes, and preparing for their future. Additional outside reading and writing assignments will be incorporated. *0.5 Senior Level Social Studies Credit*

Mathematics Department

Math Fundamentals - Focuses on bridging the gap between basic math and algebra. It uses an incremental spiral approach to move students efficiently through basic math/pre-algebra skills to prepare the student for Algebra 1. Prepares students to be successful in Algebra 1 and includes a study in concepts of equivalency, solving equations with one unknown, some geometry and a comprehensive review and reinforcement of Pre-Algebra skills. *1.0 Math Credit*

Algebra 1 - This course covers the essential principles of Algebra using an incremental spiral approach. Some of the topics covered will be polynomials, radicals, linear equations and functions. Attention will be given mathematical reasoning. *1.0 Math Credit*

Algebra 2 - This course focuses on developing advanced Algebra skills. It uses an incremental spiral approach to assist the student in furthering their understanding of the second year algebra material. Some of the covered material will be both linear and nonlinear functions, complex numbers, quadratic equations, radicals, and basic trigonometry. Attention will be given to mathematical reasoning. The course also covers geometry within the scope of Algebra. *1.0 Math Credit*

Business Math - This course will provide an understanding of the basic concepts of mathematics as applied in business and personal finance. It includes a review of the fundamental mathematics operations using decimals, fractions, percent, ratio and proportion; mathematics concepts and skills in buying and selling, computing gross and net earnings, overtime and business data presentation, analysis and interpretation. Students will learn how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, and personal budgeting. *1.0 Math Credit*

Geometry - This course focuses on a hands-on approach to learning traditional geometry. The course encourages students to explore concepts and ideas of geometry by introducing physical examples of each new conjecture and geometric concepts. It also provides practice using these ideas and conjectures. In this course we will explore lines, planes, polygons, circles, tessellations, among others. *1.0 Math Credit*

Pre-Calculus - The student will develop the understanding they need to resolve complex problems and functions and be ready to take Calculus by the conclusion of the course. In Pre-calculus, topics from algebra, geometry, trigonometry, discrete mathematics, and mathematical analysis are interwoven to form a fully integrated course. Topics include permutations and combinations, trigonometric identities, inverse trigonometric functions, conic sections, graphs of sinusoids, rectangular and polar representation of complex numbers, De Moivre's theorem, matrices and determinants, the binomial theorem, and the rational roots theorem. *1.0 Math Credit*

Calculus - Students are offered an experience equivalent to that of a college course in single variable calculus. The course develops a student's understanding of the concepts of calculus and provides experience with its methods and applications. The course includes limits, differentiation, and integration, with problem solving and applications. Problems will be expressed graphically, numerically, analytically, and verbally. The course is intended for students who have a thorough knowledge of algebra, geometry, and pre-calculus. *1.0 Math Credit*

AP Calculus AB - This is a college-level calculus course designed to meet the Advanced Placement curricular requirements for Calculus AB (equivalent to a one-semester college course). The major topics of this course are limits, derivatives, integrals, and the Fundamental Theorem of Calculus. Through a variety of hands-on activities and written exercises, we will investigate and analyze course topics using equations, graphs, tables, and words, with a particular emphasis on a conceptual understanding of calculus. Applications, in particular to solid geometry and physics, will be studied where appropriate. The course is intended for students who have a thorough knowledge of algebra, geometry, and pre-calculus. Unlike the regular Calculus course, AP Calculus AB emphasizes clear communication in addition to accurate calculations and has more hands-on activities. Students will be equipped and expected to take the AP Exam Calculus AB exam in May. *1.0 Math Credit*

AP Calculus BC - includes everything in AP Calculus AB (taught at an accelerated pace by means of review) and also topics taught in a Calc 2 course in college (taught at a regular pace.) The additional topics include advanced integration techniques, parametrics, polar, and series. When students take the AP Calculus BC exam in May, they will also get a subscore of Calculus AB level topics. It's like taking two AP Exams for the price of one. *1.0 Math Credit*

Discrete Mathematics - The main themes of Discrete Mathematics class are logic and proof, induction and recursion, combinatorics and discrete probability, algorithms and their analysis, discrete structures, and applications and modeling. Discrete mathematics describes processes that consist of a sequence of individual steps. This contrasts with calculus, which describes processes that change in a continuous fashion. Whereas the ideas of calculus were fundamental to the science and technology of the revolution, the ideas of discrete mathematics underlie the science and technology of the computer age. Students must have completed Pre-calculus to be eligible to take this course, but do not need Calculus. *1.0 Math Credit*

Linear Algebra - Linear Algebra is a course usually taken by university sophomores and juniors. Typically such a student will have taken calculus, but this is not a prerequisite. The course begins with systems of linear equations, then covers matrix algebra, before taking up finite-dimensional vector spaces in full generality, and finally covering matrix representations of linear transformations, through diagonalization, change of basis and Jordan canonical form. Along the way, determinants and eigenvalues will be covered. *1.0 Math Credit*

World Languages Department

Spanish 1 - The student learns to use elementary Spanish in real-life situations. The course emphasizes spoken and written communication and stresses interpersonal relationships in meaningful cultural contexts. Students will study the diverse cultures within the Hispanic world. *1.0 World Language Credit*

Spanish 2 - The student expands vocabulary base and communicates in increasingly complex conversational situations. Reading for meaning and pleasure is emphasized, as is writing clearly and accurately. Grammar patterns are presented and practiced so that students are able to describe, as well as ask questions about people, things, events, and activities in the present, past, and future. The Student learns to use a variety of tenses in their writing. *1.0 World Language Credit*

Spanish 3 - This course builds on the foundations of Spanish 1 and 2. The student will review vocabulary and grammar acquired in previous years, while adding new content and gaining confidence in writing, reading, speaking, and listening to Spanish. A greater understanding of the Spanish-speaking world will be gained through class explorations, watching Spanish news, and a research project on a topic of interest. *1.0 World Language or Elective Credit; Available for Concurrent Credit*

Spanish 4 - This course builds on the foundations of Spanish 1, 2, and 3. The student will review grammar learned in previous years, while adding new vocabulary from literature and learning grammatical nuances of the Spanish language. They will gain confidence in writing, reading, speaking, and listening to Spanish. They will also spend time investigating the Spanish-speaking world through class explorations, watching Spanish news, and a research project on a topic of interest. *1.0 World Language or Elective Credit; Available for Concurrent Credit*

Science Department

Physical Science - Investigates the fundamentals of Physics, Chemistry, Astronomy, and Earth Science. Math skills will be called upon as force, motion, and energy are investigated. The properties of matter, atomic structure, and chemical reactions allow the student to acquire an understanding of the world around them at a microscopic level. Electricity, magnetism, and waves will be discussed as the student learns how these are formed and the features that characterize them. The class also incorporates topics concerning the physical processes on earth, and the motions, characteristics, and forces in space. *1.0 Science Credit*

Environmental Science - This course will introduce students to basic ecological concepts and environmental problems. As an environmental education program, the course provides information dealing with ecology, the atmosphere, agriculture, water, and energy. *1.0 Science Credit*

Biology - Biology begins with a consideration of the living condition and discussion of the unique properties of living organisms that set life apart from the non-living. It continues with molecular and cellular biology, from which it moves logically into reproduction and genetics. An understanding of genetics gives meaning to organized variation, evolution and methods of scientific classification units dealing with microbiology and plant and animal phylum. *1.0 Science Credit*

AP Biology - A deep dive into a college level experience and understanding of our living world. The Student will engage in real world experiments that pull them into genetics, biological diversity, zoology, the fundamentals of animal taxonomy, microbiology, and preparations for the College Board AP exam. This course does teach evolution as a biological model as well as the modern “design” based model. This is an empirical science based course that addresses all theories of “life origins” and the critical review of all models. *1.0 Science Credit*

Chemistry - Chemistry is a laboratory science course intended to meet the entrance requirements for university admissions. This is a practical laboratory science course that focuses on the atom, atomic energy and structure, trends of the periodic table of elements, formation of compounds, chemical reactions and calculations, gas laws, and acids and bases, with emphasis on writing laboratory reports. *1.0 Science Credit*

Human Anatomy & Physiology - The student will be offered real world clinical exposure to human and comparative anatomy which includes several dissections. Other areas of study will include trauma medicine, laboratory medicine, exercise / sports medicine, virology, microbiology, medical/bioethics and more. *1.0 Science Credit; Available for Concurrent Credit*

Fine Arts Department

Band - It is a requirement that interested students in Band must have intermediate ability with their instrument. Music theory principles and basic music reading are applied. This class provides a number of performance opportunities for the student. The daily objective of the course is to foster and promote musical growth through the playing of an instrument by each student. As a member of the band program, group effort and cooperation is necessary to a successful program. Band is a skilled effort in which each student is expected to show technical and musical growth throughout this course. The instructor has final approval on what instruments each student will play. *1.0 Fine Art or Elective Credit*

Guitar 1 - For the beginner who has little or no knowledge of the instrument and is willing to be patient, develop consistent practice habits, take direction, and set reasonable attainable goals. Students will master the following: major chords, scales, and circle of fifths; picking and strumming in tempo and time; theory behind chords and their related scales; relationship between chords and melody (single notes); and how to competently compose and perform an original harmony and melody. *1.0 Fine Art or Elective Credit*

Guitar 2: Advanced Guitar and Songwriting – For the intermediate guitar player who has basic knowledge of chords and rhythm, this will be supplemented with alternate rhythmic study, chord inversions, ear training, and song form styles to enhance and grow aptitude and ability as well as improvisation. The student will be able to borrow chords from different keys, understand theory behind chords and their related scales, relationships between chords and melody (single notes), and how to competently compose and perform an original harmony and melody. *1.0 Fine Art or Elective Credit*

Vocal Ensemble - For the intermediate vocalist who has basic knowledge of intonation and rhythm, this will be supplemented with alternate harmonic study, music theory, ear training, and song form styles to enhance and grow their aptitude and ability as well as improvisation. The student will master three part vocal harmony, basic music theory principles, relationship between chords and melody, and how to competently compose and perform an original melody. *1.0 Fine Art or Elective Credit*

Drama - This course will discuss the history of drama from its inception to today. Students will learn proper dramatic terms and will engage in activities from the defining eras of theater. This class will require memorization and performance whether in class or for a larger audience. There will also be emphasis on the technical side of theater. This class teaches emotional maturity, public speaking, teamwork, confidence and so much more. Drama students will have the opportunity to be on the production team for the elementary school performances, produce their own skits and learn acting skills such as improv, character choices and script analysis. *1.0 Fine Art or Elective Credit; Available for Concurrent Credit*

Theater Production - This is an after school class that will meet twice a week from 6-8 pm where we will be producing a play each semester. Whether students want to act or work backstage, this class allows students to earn a .5 Art credit per Production they are involved in. *1.0 Fine Art or Elective Credit*

Visual Arts Department

Art 1 - Throughout this course we will experience a variety of art media and be introduced to various art cultures, artists, and styles with an emphasis on drawing. This will be achieved by creating art work through its basic elements (line, shape, form, color, value, texture and space) and principles (emphasis, rhythm, pattern, harmony, variety, unity proportion, balance and motion). Most lessons will have four components; aesthetic perception (understanding the use of the elements and principles), creative expression (the actual art projects), art heritage (art history background), and aesthetic valuing (critique of the finished work). We will be exploring drawing and painting through observational, historical, and cultural studies. *1.0 Art or Elective Credit*

Art 2 - Provides experience with all forms of art and its background. The first semester focus is on art mediums, ranging from colored pencils to dance. The second semester will be focused on art in different cultures and artists that have shaped different art forms. Art is a gift and we will be appreciating every aspect of it this year. *1.0 Art or Elective Credit*

Publication (Yearbook) - Students will produce a yearbook that records the history of the school for the current school year, catering to the expectations of a diverse consumer group, developing skills in life, journalism, photography, technology, communications, and business along the way. *1.0 Art, Elective, or Occupational Credit*

Broadcast Journalism & Film - Explores communication and storytelling through live and recorded video broadcast. The course will emphasize writing compelling stories, news investigation, videography, and video-editing. Students will produce a school news program, as well as a documentary. *1.0 Art, Elective, or Occupational Credit*

Physical Education Department

Health - This course covers nutrition, exercise, and to live a healthy lifestyle. *0.5 Health Credit*

Extra-curricular Sports - Semester credit earned through NCHS sports participation. *0.5 Health and Fitness Credit for participation in each sport*

Physical Education - Practice and develop skills in physical fitness which include the following: cardiovascular endurance, flexibility, muscular strength and muscular endurance. The goal by the end of the year is for each student to improve on baseline fitness tests through regular cardiovascular endurance training, muscular endurance training, and activities designed to increase current levels of fitness. Students will be introduced to life-long activities designed to increase their likelihood of exercising in the future. *0.5 Physical Education Credit for semester*

Weightlifting - The student will explore weight training movements designed to improve power and explosion. Our goal is that by the end of the year each student will improve their scores on baseline strength tests through regular weight training, muscular endurance training, and activities designed to increase current levels of fitness. Students will be introduced to lifts and exercises designed to increase their likelihood of weight training as a lifelong fitness hobby. Students will understand the benefits that regular exercise can provide for a person's mental, physical, and social health. *0.5 Health and Fitness Credit per semester.*

Electives and Occupational Education

Leadership - Leadership class will examine multiple ethical frameworks, principles, and theories as they apply to the study and practice of leadership. Real-world application of the most common leadership styles will be examined with a research-based approach through a Christian worldview. Students will apply principles in project-based learning contexts and event planning. *1.0 Elective or Occupational Credit*

Engineering 1: Introduction - Introduces the student to several engineering fields to include but not limited to: Civil and Environmental, Electrical, and Mechanical engineering. This course explores multiple branches of engineering, the functions of an engineer, and the industries in which engineers work. The course explains the engineering education pathways that can lead to potential engineering careers. The student will be introduced to AutoCAD software. *1.0 Elective or Occupational Credit*

Engineering 2: Engineering Design - Introduces the student to various engineering disciplines through site design using AutoCad and AutoCad Civil 3D. Extensive use of the software to design both residential and commercial civil sites to include grading, paving, water, sewer, drainage, etc. Prerequisite: Engineering I (1.0 Occ Ed or Elective credit). *1.0 Elective or Occupational Credit*

Project Management Readiness - This content is modularized and aligned to 4 domains: Project Management Fundamentals and Core Concepts, Traditional Plan-Based Methodologies , Agile Frameworks / Methodologies , Business Analysis Framework - Each module will consist of 9 weeks (one quarter) of content. At the end of the course students will be qualified to take the exam. *1.0 Elective or Occupational Credit; Junior or Seniors Only*

NCHS & Beyond - Washington State requirement preparing for post high school. The student will create a portfolio during their four-year high school experience. *0.25 Occupational Education Credit each year, for a total of 1 full credit at the end of 4 years*

Teacher Assistant - This is a Pass/Fail course that can only be taken with teacher and administrator permission. *1.0 Elective credit or an Occupational Credit; Junior or Seniors only*

Field Experience - This is a Pass/Fail course that allows a student to seek a mentor in a particular occupation of interest with which may be taken with teacher and administrator permission. *Credits earned depends on field experience hours; Elective credit or an Occupational Credit*

Concurrent Credit Program

The Concurrent Credit Program is a partnership between NCHS and Northwest Nazarene University (NNU), offering the opportunity for qualifying high school students to begin earning college credit while still enrolled at NCHS. Concurrent credit courses are offered at NCHS, during our regular school day, and are taught by our NCHS faculty who have been approved by NNU departments to teach the courses for NNU credit as adjunct instructors. NNU is a regionally accredited institution of higher education, whereby credits may be transferred to other colleges and universities.

The Concurrent Credit Program at NNU serves high schools in Idaho, Montana, Oregon, and Washington. Courses offered through the Concurrent Credit Program are the same as those taught to freshmen and sophomores on the NNU campus. In addition to earning college credit while on NCHS campus, students also receive a significant college tuition discount.

Courses that are offered through our Concurrent Credit Program include the following:

- Creative Writing (COMM1094 3 College Semester Credits)
- Drama (COMM2120 3 College Semester Credits)
- Human Anatomy & Physiology (BIOL 1060 - 4 College Semester Credits)
- Public Speaking (COMM1210; COMM1010; COMM2120 - 3-7 College Semester Credits)
- Spanish 3 (SPAN1010; SPAN 1020 - 3-8 College Semester Credits)
- Spanish 4 (SPAN2010; SPAN 2020 - 8 College Semester Credits)
- U.S. Government (POLS1010 - 3 College Semester Credits)

Click [HERE](#) to visit the NNU Concurrent Credit website for further information. Please contact the NCHS office for details or questions.

Appendix

Graduation Requirements

Click [HERE](#) to view/download our complete list of NCHS Graduation Requirements

Course Credit Tracker

Community Service Ledger

NCHS and Beyond