

HIGH SCHOOL COURSE OFFERINGS 2021-2022

Blessed is the man who *trusts* in the Lord
and whose trust is the Lord.

For he will be like a tree planted by the water,
that extends its *roots* by a stream
and will *not* fear when the heat comes;

But its leaves will be green,
and it will not be anxious in a year of drought
nor cease to yield *fruit*.

JEREMIAH 17: 7-8

NORTHWEST CHRISTIAN SCHOOLS

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Table of Contents

Graduation Planning

Graduation Requirements	3
Graduation Worksheet	3

High School Courses

Bible	4
Bible Electives	4
English.....	6
Fine Arts.....	8
Foreign Language.....	9
Mathematics.....	10
Science	12
Social Studies	14
Physical Education.....	15
Career and Technical Education (CTE)	16

Elective Credit Equivalencies

College Planning

Dual Credit Opportunities	20
Grades 9 & 10 College Timeline.....	21
Grade 11 College Timeline	22
Grade 12: 2 Year Community or Technical College Timeline.....	23
Grade 12: 4 Year University Timeline	24

NCAA Eligibility

Division II.....	26
Division I	27





2021-22 GRADUATION REQUIREMENTS

Bible	4 credits
English	4 credits
Fine Arts	1 credit
Health	.5 credit
Mathematics	3 credits
CTE (career & Technical)	1.5 credit
Physical Education	.5 credit
Science	3 credits*
Social Studies	3 credits**
World Language	2 credits
Electives	2.5 credits
TOTAL REQUIRED	25 credits

* Science requirement must include 1 credit in the physical sciences and 1 credit in the biological sciences.

** History requirement is 3.5 if Washington State History was not taken in middle school.

GRADUATION WORKSHEET- 4 YEAR PLAN

Full year class = 1 credit; semester class = .5 credit; there are 7 class periods each day

<u>9th Grade</u>	<u>Credit</u>
Bible	1
English	1
Math	1
Science	1
PE/Health	1
Spanish	1
WA His (If still needed)	.5

<u>11th Grade</u>	<u>Credit</u>
Bible	1
English	1
Math	1
US Gov	1
1 Science	1

<u>10th Grade</u>	<u>Credit</u>
Bible	1
English	1
Math	1
World History	1
Science	1
Spanish	1

<u>12th Grade</u>	<u>Credit</u>
Bible	1
English	1
U.S. History	1

TIP

Washington State four-year universities require 3 years of math PLUS a senior math or math-based quantitative course (excluding Pre-Algebra and Consumer Math), 3 years of science (one must be a physical lab science, one must be a biological lab science), 3 years of social studies, 2–3 years of a foreign language and 1 credit of fine arts (i.e. art, band, choir, or theater).

BIBLE

BIBLE 9

Full Year, required
Basic Christianity

Grade 9
Text: NIV Bible

Who is Jesus? This is an essential question that 9th grade students need to be able to answer. In this course, students will study the life of Jesus Christ and His teachings. They will be equipped with basic Biblical doctrine for serving Christ. Students will study the book of Matthew in depth to gain greater understanding of the life and teachings of Christ and have a picture of the character of God. They will also read two of the gospels and selected Christian books that will help them gain a solid doctrinal foundation and its application to healthy friendships and freshmen class unity.

Students will change Bible teachers at semester.

BIBLE 10

Full Year, required
Old Testament, Text: Bible

Grade 10

The Old Testament survey class will provide the students with an overview of the content and message of the Old Testament with an emphasis on the Old Testament's message pointing us towards Christ. Students will learn key events in each book with an emphasis on how Christ is revealed throughout the Old Testament. The goal of the class is to show what the Old Testament says about God and how it is practical to daily living. Students will spend time in Psalms and Proverbs applying scripture to daily life, as well as journaling for self-reflection and scripture memorization.

Students will change Bible teachers at semester.

BIBLE 11

Full Year, required

Grade 11

11th grade students have the option of choosing 2 semester Bible electives to fulfill this credit requirement.

SENIOR LEADERSHIP

Full Year, required

Grade 12

Practical faith is living out your beliefs and values, taking them off the pages of Scripture and saturating them into your daily lives. Christians in this century are called to participate with Christ, the Transformer of culture to confront the unique obstacles and opportunities that face our world with grace and truth. Seniors are engaged in classroom study focused on:

- An exploration of current, relevant Christian issues with the goal of gaining a better understanding of the multiple views involved and receiving preparation to walk in truth and be a light to others.
- An invitation to honest self-evaluation of where they are on their journey with God, discernment about their next step of growth and empowerment to take that step.
- Being equipped to partner with God to advance His Kingdom in every area of their future lives. Seniors also serve in off-campus ministries weekly for 6 weeks and attend guest speakers seminars where they are challenged and inspired to live out their faith,

Students will change Bible teachers at semester.

JUNIOR BIBLE ELECTIVES

FINANCIAL PEACE

Semester

11th Grade

This course is taught nationwide and meets the standards and benchmarks identified by the national Standards for Financial Literacy provided by the Jumpstart Coalition for Personal Financial Literacy. The curriculum has been developed by Christian author and financial counselor Dave Ramsey. His ideas on how a Christian should be a proper steward of their financial resources is something every high school student should learn. The course includes the following topics: saving, investments, retirement and college planning, cash flow planning, dealing with debt, relating with money, insurance, consumer buying habits, real estate and

High School Courses

mortgages, careers and credit information. This course is a semester course that will give students the practical tools they need to help them understand how a follower of Christ should properly handle the financial resources with which they have been entrusted with. The course will include a study of the book of Philippians and how it corresponds to having financial peace.

JOURNEYS OF FAITH

Semester

11th Grade

This course is designed to help students personally examine their journey of faith in this modern world. How do we remain faithful to God in a secular world? What temptations will be facing the next generation of Christians? How does all this apply to me personally? The course will begin with a study of John Bunyan's, *Pilgrim's Progress*, looking particularly at the contemporary temptations that come to us clothed in an attractive exterior. The course will conclude with Max Lucado's, *Cast of Characters: Common People in the Hands of an Uncommon God*. This book is an easy read and covers Biblical characters such as Joseph, Abigail, Jarius, Lazarus and many others. Looking at these Biblical examples helps us answer the question how could God use these common often mistake ridden people to further His kingdom and more importantly how God can use me, a common person for his Kingdom. The course will also use excerpts from Sean McDowell's book, *EthiX: Being Bold in a Whatever World*, in conjunction with the other sources to provide deeper studies of how to apply Biblical truths to specific contemporary issues.

PREPARING FOR COLLEGE

Semester

11th Grade

This curriculum is designed for students who are seeking to prepare for college. Whether a student is interested in a 2-year or a 4-year institution this course is designed to help students to prepare spiritually, practically, and experientially. Through the course of this study, students will discover and explore college and career options within the framework of the understanding that it is only in God that we discover our origin, identity, meaning, purpose and significance. Students will explore answers to the following: What gifts or abilities do I have that could lead to a job and ministry? What are my strengths and interests and how do they lead to a career? What steps can I take now that will prepare me for college? We will also investigate career possibilities and necessary educational requirements, actively research colleges, write college essays and applications and experience a job interview. Students will also prep for SAT/ACT tests using Method Prep and Khan Academy. During the semester we will have guest speakers from local universities and take trips off-campus to visit some of our local schools.

PSYCHOLOGY 100

Semester

11th Grade

A general introduction to psychology as the scientific and Biblical study of behavior and thought. This class will study an overview of the areas of psychology, their development and study, how these areas of psychology compare to God's truth about humanity, human development and potential. We will also study methods in psychology: biological, sensory and developmental influences on behavior; physiological and cognitive components of behavior; theories of learning; a survey of theories of normal and abnormal behavior; principles of psychotherapy; personality theory and testing; and social influences. This is an important and influential study of our society today and it is crucial that we understand God's law, God's will and God's call so that we can influence a lost society for His glory through the powerful study of human behavior. This will be a dual credit, one semester Bible class, with the option of registering for PSYCH 100 through Eastern Washington University and potentially earning 5 social science credits.

TRUSTING GOD

Semester

Grade 11th

When everything we're going through--pain, loss, tragedy, grief--suggests that God can't help us or doesn't care, it seems unwise to place our confidence in Him. But nothing could be farther from the truth. In this Class we will go through the book "Trusting God even when life hurts" by Jerry Bridges. In a time where life is so uncertain this book and class will challenge students to put there complete trust in the one person who not only knows what is happening but is in complete control. The class will also study the Book of Ephesians. Students will be asked to purchase this Book for themselves.

ENGLISH

ENGLISH 9

Year, required (Honors English 9 may be substituted)

Grade 9

Text: *Understanding Literature, and various novels*

This course is taken in the freshman year and is foundational in solidifying essential English skills. It includes the study of Greek Roots as an essential element for building vocabulary. Students review the six writing traits, practicing with stories, poems and essays. The course includes an introduction to literary analysis with a focus on the unique Christian worldview.

HONORS ENGLISH 9

Grade 9

Year, requires Teacher approval (Submission of a writing sample may be requested.)

Text: *Understanding Literature, (Glencoe/McGraw-Hill); Latin and Greek Roots (Prestwick); various novels; Romeo and Juliet*

This course includes the major elements of the regular Freshman English curriculum as well as additional reading, writing and speaking. It is an accelerated course intended to prepare students for advanced courses. Students read short stories, poems, essays, novels and a play. Writing is taught using an AP writing format, which integrates the six writing traits with Jane Schaffer organizational strategies. Literary analysis is the primary writing emphasis. Literature is discussed in terms of God's Word. Creative writing, public speaking and grammar instruction are also elements of this course.

ENGLISH 10

Year, required (Honors English 10 may be substituted)

Grade 10

Text: *Literature, the Reader's Choice (Glencoe/McGraw-Hill); Latin and Greek Roots (Prestwick); various novels; Julius Caesar*

This course includes literature, writing, Greek and Latin root curriculum and public speaking. Students will explore drama, poetry, short stories, novels and classical mythology through readings, discussion and literary analysis. All literature is examined in light of Biblical truth and in the context of human experience. An introduction to speech allows students to practice and learn public speaking, including exposition and persuasion. Writing covers creative and formal writing and includes a formal research essay. This course lays a foundation for further studies at NWCS and beyond.

HONORS ENGLISH 10

Grade 10

Year, requires Teacher approval (Submission of a writing sample may be requested.)

Text: *Literature, the Reader's Choice (Glencoe/McGraw-Hill); Latin and Greek Roots (Prestwick); various novels; Julius Caesar*

This course includes all of the major components of the regular English 10 curriculum, as well as additional reading, writing and speaking. This is an accelerated course intended to continue the student's preparation for the AP or dual credit EWU classes offered junior and senior years.

BRITISH LITERATURE

Grades 11, 12

Year, required

(AP English, College Novels or College Composition may be substituted.)

Texts: *Literature, British Literature (Glencoe); The Time Machine, A Tale of Two Cities, Othello*

British Literature examines the structure and development of the English language and literary tradition, surveying literature that began in the Anglo-Saxon period and continuing through the Victorian Age. Since our success at any given endeavor is highly dependent on our language skills, English is an important class, preparing students to understand and meet college requirements and giving them an overview of our rich cultural tradition as English-speaking people.

AMERICAN LITERATURE

Grades 11, 12

Year, required (AP English, College Novels or College Composition may be substituted.)

Text: various novels

The purpose of American Literature is to survey the history, culture and major writers of each era in American Literature, using a standard clad textbook, as well as featured novels. The emphasis is placed on written and oral analysis of genres and trends in American Literature from the seventeenth century to the present. Students will write critically about what they have read and discussed in class. They will not only generate their own thoughts and opinions about certain literary works, but will also speak thoughtfully about their ideas through class participation, group projects, papers, and presentations.

COLLEGE LITERATURE (EWU170) DUAL CREDIT

Grades 11, 12

Year (AP English, College Composition, Brit Lit or American Lit may be substituted)

The College Literature class is designed as an upper division Language Arts course. This course contains elements of composition, Greek and Latin roots, vocabulary, grammar, reading comprehension and literary analysis. The continuing goal is to prepare every student for college and whatever God has for the future, and this course offers the opportunity to gain 5 college credits through EWU's College in the High School program. College Novels focuses specifically on the appreciation of literature and more broadly on developing effective reading, writing, and analysis skills. Students will engage texts using critical thinking, discussion, and analysis. The course will review and enhance understanding of the literary genres of fiction, including Epistolary, Allegorical, Historical, Science Fiction, Romantic, and Realism, as well as poetry and drama. The major literature used will be novels, but related poetry, plays, short stories, and essays may also be incorporated in connection to specific novels/genres. The first quarter is focused on C.S. Lewis fiction. The rest of the year provides a survey of literature, including American, European, and Latin American texts.

COLLEGE COMP (EWU101/201) DUAL CREDIT

Grades 11, 12

Year (AP English, College Novels, Brit Lit or American Lit may be substituted)

An English class that focuses on developing effective reading, writing, research, and analysis skills that will benefit students who intend to pursue higher-level education or to move into the professional workforce with effective communication skills that can help them succeed in an ever-changing world. It provides opportunities for students to develop and enhance their written communication skills. This course stresses the organization, development and support of ideas and perspectives in exposition and argumentation as public discourse. Students will demonstrate their knowledge of rhetoric, will critically and ethically think, read, and write. In fact, students will engage in multiple writing processes and genres. Scholarly research will be conducted and incorporated, including familiarization with library resources and application of the rules and conventions of standard American English. Subject matter is intended to be collegiate and thought-provoking in an effort to better prepare students for writing they will encounter in the academy and in the workplace.

AP LITERATURE COMPOSITION

Grades 11, 12

Year, requires Teacher approval

(Offered every other year. Submission of a writing sample is required.) Texts: *The Compact Bedford Introduction to Literature (Michael Meyer), Word Clues, classroom sets of major novels and plays*

This upper level course, offered on alternating years, provides a challenge for motivated students who plan to extend their education beyond high school. Possible college credit can be earned through the AP Test administered by the Educational Testing Service in May of each year. Through the reading, writing, and discussing aspects of this class students will 1) see literary works in historical context and in the context of human experience, 2) develop the ability to read a passage closely, understanding both content and literary technique, and 3) show willingness and courage to trust and defend their own ideas. By the creative grace of God, people have been given the treasure of language, a gift that makes us unique among His works. As people of the Word, we have the responsibility to use language well, that we might have maximum impact in the confusion and darkness around us. This course prepares students for college coursework, effective citizenship and richer, more rewarding lives. AP Language & Literature challenges students to Read! Write! Discuss! Think! They are encouraged to understand and join in the ongoing debate about life's meaning that is found in the world of literature.

AP LANGUAGE COMPOSITION

Grades 11, 12

Year, requires Teacher approval

(Offered every other year. Submission of a writing sample is required.) Texts: *The Language of Composition, A Guide to MLA Documentation, Word Clues*

This is the alternate year of AP Literature/Composition, allowing motivated students to earn college credit for coursework completed in high school. The AP Test, offered by the Educational Testing Service in May, challenges students to demonstrate mastery of close reading, writing and interpretation skills needed for upper level work in college. The purpose of this course is for students to analyze and evaluate argument and also to improve their writing by reading a broad range of nonfiction works (essays, articles, etc.) in order to emulate the authors' varied styles and writing techniques. It will cover rhetoric, analysis, images as text, grammar, citation, vocabulary word clues and critical thinking skills. This is designed to be a first year college level course, and students are expected to put in the appropriate time and attention required by such a class. This is not a literature course, although students will read at least one fiction piece in order to analyze it as a rhetorical work. The majority of reading will be nonfiction books and essays. After taking this class, students should be skilled observers of rhetoric as well as persuasive writers and speakers capable of obeying the Bible's command to "always be prepared to give an answer to everyone who asks you to give the reason for the hope that you have" (1 Peter 3:15, NIV).

FINE ARTS

ART 1

Grades 9, 10, 11, 12

Semester, elective

The focus of Art 1 is drawing and painting. Projects address color study, composition, and design. Historical artists are used as inspiration for various projects. Students at any level can improve their skills, and find success, while also learning to think creatively.

ART 2

Grades 9, 10, 11, 12

Semester, elective

Prerequisite: Art I

This class is a continuation of the Art I class. Assignments are given with enough latitude to allow students to explore their own ideas. Focus is on painting, sculpture and collage, art history, and culminates in an exhibition of student work.

ADVANCED ART

Year, elective

Grades 10, 11, 12

Prerequisites: Art I & II

Advanced Art is for the serious art student. It includes drawing, painting, collage, printmaking and sculpture. A portfolio will be compiled at the end of the year and an exhibit of work will be shown at Journey's Night.

3-D DESIGN I AND II

Grades 9, 10, 11, 12

Semester each, elective

These classes deal with the craftsmanship of useful objects. Artistic merit and practical application will be included in each project. This class is designed for artists and non-artists. Originality, creativity and quality will be stressed. 3-D I covers pottery, paper crafts, basketry, beading, glass etching and mosaic. 3-D II covers batik, altered books, jewelry, weaving and more.

POTTERY

Grades 9, 10, 11, 12

Semester, elective

This course encompasses aspects of hand building and potter's wheel techniques. Students learn glazing techniques and casting colored slip application. Students complete one sculpture project.

WORSHIP TEAM

Year, elective

Grades 9, 10, 11, 12

Audition required

The Worship Team class is available by interview or audition only. Students will have opportunity to develop a philosophy of worship, study what worship is, participate and plan regular chapels and other worship opportunities. In addition they will learn music theory, appreciation, history and application as it pertains to the worship. Finally, students will study historical music periods, music theory, and prepare for a potential music festival adjudication participation. Philosophically, students will learn what it means to be involved in ministry, becoming servant leaders who honor and glorify God. In a practical sense students will learn to read chord sheets, music transposition, as well as dynamic and tempo notation.

HS THEATER

Semester, elective

Grades 9, 10, 11, 12

Theater students learn how the art-form of theater is best approached as a form of worship. They continue to develop skills and are given opportunities to exhibit those skills. They develop an awareness of, and evaluate themselves as performers, understand and employ skills for character creation, exploration, plot development and spontaneity and understand the historical, social, cultural and creative aspects of theater. Students are exposed to various facets of theater such as play production and direction, careers and current events in the entertainment field, theater history and scene shaping. We plan on having a fall non-musical production. There will be many opportunities to express and learn about themselves, enhance theater skills, broaden horizons, and HAVE FUN!

CONCERT CHOIR

Year, elective

Grades 9, 10, 11, 12

Concert Choir is an excellent venue for students to learn how to apply the principles of Christian community. The goal of this class is to grow closer together as an ensemble unified by God for the purpose of glorifying Him in song. Music appreciation and fundamentals of choral music are covered in class. *Concert Choir* is a performance ensemble offering musical services in and around the community as well as competing in local music festivals.

ADVANCED BAND

Year, elective

Grades 9, 10, 11, 12

Student to provide own instrument

Curriculum Software: Smart Music

In this class students learn the fundamentals of playing in an ensemble. Some of the fundamentals learned are music theory, articulation, ear and rhythm training, tone quality, balance and blend and performance techniques. Students play a variety of literature that ranges from medium easy, to difficult. Styles of music include light and serious band literature, jazz styles and worship compositions to glorify God. This class also includes time for solo and ensemble groups to enhance their ability to play in small groups of various instrumentations. Public performances will be our method of showcasing our musical accomplishments. This includes, but is not limited to, concerts, contests, exchange concerts, massed bands, honor bands, solo and ensemble contests. We always strive to glorify God with our music. "Praise Him with the sounding of the trumpet, praise Him with the harp and lyre, praise Him with tambourine and dancing, praise Him with the strings and flute, praise Him with the clash of cymbals, praise Him with resounding cymbals." Psalm 150:3-5.

FOREIGN LANGUAGE

SPANISH I

Grades 9, 10, 11, 12

Year, elective

Students in first year Spanish class are introduced to the Spanish language and culture using TPR (Total Physical Response). The class consists of Spanish vocabulary, verbs and grammar, which enable students to understand and be able to communicate basic Spanish sentences. Students also memorize prayers and songs in Spanish. The class includes active learning such as game playing, movement and singing. Spanish is used constantly and students are encouraged to build on the Spanish they have learned throughout the year.

SPANISH II

Grades 10, 11, 12

Year, elective

Prerequisite: Spanish I or a placement test if coming from another program

Second-year Spanish students review and expand their ability to communicate in the Spanish language, continuing the use of TPR (Total Physical Response). The class moves from the basic present and past tenses to more complex language structures as well as mastering 300 verbs. The second half of the year is conducted mainly in Spanish with students encouraged to use their language skills as much as possible. Games, singing and constant movement continue.

SPANISH II (EWU 102) DUAL CREDIT

Grades 10, 11, 12

Year, elective

Prerequisite: Spanish I or 2 or a placement test if coming from another program

Second-year Spanish students review and expand their ability to communicate in the Spanish language, continuing the use of TPR (Total Physical Response) and TPRS (Teaching Proficiency through Reading and Storytelling). The class moves from the basic present and past tenses to more complex language structures as well as mastering 300 verbs. The second half of the year is conducted mainly in Spanish with students encouraged to use their language skills as much as possible. Students learn to share their faith through memorization of many praise and worship songs. We use the *Adventuras* textbook, the online book *Panorama* and tests from Eastern Washington University. This class fulfills the Spanish 102 requirement at the college level and will provide five college credits in all.

SPANISH III (EWU 103) DUAL CREDIT**Grades 11, 12****Year, elective****Prerequisites: Spanish I and 102****Text: Panorama, 4th edition online supersite**

Third year Spanish offers students the opportunity to go beyond basics and attain a higher level of fluency and competency. It continues to introduce new language, culture and missionary material. This program stresses a high degree of speaking, reading, writing and listening to the Spanish language. Students are required to speak only Spanish whenever they are in class. We use the Aventuras textbook, the online book Panorama and tests from Eastern Washington University. This class fulfills the **Spanish 103** requirement at the college level and will provide five college credits in all. Third year students are invited to go on a mission trip over Spring Break.

SPANISH IV (NNU 2010) DUAL CREDIT**Grade 12****Year, elective****Prerequisites: Spanish 102-103**

Fourth year Spanish is a year of discovery in culture, books and film. This course encompasses a wide range of oral and written practice. Students will develop their cultural understanding of the Spanish world while communicating only in the target language, seeking to become fluent through constant listening, talking and reading. Fourth year is a rewarding year as students get to enjoy the fruit of their three years of studies. Students must have an excellent grasp of the language to continue into fourth year. We use the required reading material from SFCC. This class fulfills the Spanish 231 at the college level and will provide five college quarter credits in all, and is a quality transfer credit.

MATHEMATICS

INTRO TO ALGEBRA**Grade 9, 10****Year****Text: Algebra I Concepts and Skills (Larson)****Pre-requisite: Pre-Algebra/teacher recommendation****Technology: Calculator Required TI-84**

This class is a course in algebraic concepts and skills. It is a focused look at foundational algebraic concepts. The course builds on Pre-Algebra and provides a solid foundation for Algebra I and beyond. It is designed for students that need/want to spend more time building their mathematical foundation. This course can be used as the first step in a four-year, college-prep course of study that will culminate with Algebra 2.

ALGEBRA 1**Grade 9, 10****Year****Prerequisites: Pre-Algebra or instructor approval****Text: Algebra I (McDougal Littell, 2007)****Technology: Calculator Required- TI-84**

Course of study: Topics in Algebra 1 include writing, solving and graphing linear and quadratic equations and inequalities, exponents and exponential functions, polynomials and factoring, radicals and rational functions, probability and data analysis. This class is a pre-requisite to Geometry and Algebra 2.

GEOMETRY**Grades 9, 10, 11****Year****Prerequisite: Algebra I or instructor approval****Text: Geometry (Larson)****Technology: Calculator Required- TI-84**

Geometry is closely related with other branches of mathematics such as algebra, logic, probability and trigonometry. Understanding the logical structure of geometry is important to your success in this course. Covered Euclidean geometry and right triangle trigonometry. You will learn what it means to define a term, test a conjecture and prove a theorem. To be successful, students need to be able to solve equations, sketch graphs, use a compass and protractor and problem solving skills. This course is prerequisite to Pre-Calculus.

ALGEBRA 2/TRIG

Grade 10, 11, 12

Year

Prerequisites: Algebra 1 & Geometry

Text: Algebra 2 (Big Ideas Learning, 2015)

Technology: Graphing Calculator required TI-84

This class builds on linear and quadratic equations and inequalities from Algebra 1 and continues with matrices, polynomial functions, rational exponents, radical, rational, exponential and logarithmic functions, quadratic relations, counting methods and probability, data analysis and statistics. This is a required class for those who wish to attend a four-year college or university after high school.

PRE-CALCULUS (EWU141 & 142) DUAL CREDIT

Grades 11, 12

Year

Prerequisites: Algebra I, II & Geometry; grade of a "B" or better in Alg 2 or instructor approval

Text: Pre-Calculus with Limits: A Graphing Approach 6th ed. (Larson, Hostetler and Edwards)

Technology: Graphing Calculator required TI-84

Pre-Calculus places emphasis on the many functions used in mathematics. This is a rigorous course designed to prepare students for college or AP level calculus. The course covers functions and their graphs, polynomial and rational functions, exponential functions, trigonometric functions, analytic trigonometry, linear systems and matrices, sequences, series, and probability, analytic geometry and limits.

AP CALCULUS

Grade 11, 12

Year

Prerequisites: Summer work packet, Pre-Calculus & Instructor approval

Technology: Graphing Calculator required TI-84

Text: Calculus of a Single Variable 5th ed. (Larson, Hostetler and Edwards) There is a \$30.00 textbook fee or students may purchase their own text.

The goal of this course is to introduce students to Calculus. This is a **college level** course that requires student preparation for each class. This course will prepare students for more advanced studies in math, science and engineering. The course covers limits, derivative at a point and derivative as a function, definite integrals, rectilinear motion and the relationship between 1st and 2nd derivatives. Students will be prepared to take the Calculus AB Advance Placement exam. (This is an optional exam.)

AP STATISTICS

Grade 11, 12

Year

Prerequisite: Algebra 2

Text: Statistics: Informed Decisions Using Data 3rd edition (Sullivan). Graphing Calculator required TI-84

AP Statistics is the high school equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from real world data. Probability and simulations aid students in constructing models for chance phenomena. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests that can be used to make conclusions about the world around us. The concepts learned in this course can be applied to many fields from biomedical research to business/marketing.

MATHEMATICAL REASONING (EWU MATH 107) DUAL CREDIT

Grade 12

Year

Prerequisite: Algebra 2

Text: Mathematics: A Practical Odyssey, eight edition, by Johnson and Mowry

Text: Topics in Contemporary Mathematics, ninth edition, by Bello, Britton, and Kaul

Northwest Christian Schools Mathematical Reasoning/Math 107 course is a full year (2 sem) high school course. Students will initially use the computer-based ALEKS assessment and learning modules to identify and strengthen areas of growth in key college readiness standards. Mathematical Reasoning/Math 107 is also a **College in the High School (CHS) course**, offered in conjunction with Eastern Washington University. It explores sets, basic logic, truth tables, elementary probability and statistics, geometry and the connections between mathematics and art, exponential functions, logarithms and geometric series. The spirit of the course is one of reasoning and problem solving and is a great fit for students pursuing liberal arts college degrees (i.e. not STEM or business majors). Passing this course satisfies a high school math graduation requirement.

SCIENCE

BIOLOGY

Grade 9

Year

Text: *Biology (Miller and Levine)*

Prerequisite: Algebra I or Integrated Math 1 completed

Biology is an in depth introductory science course that studies the living portion of the creation God made. Specific topics include the scientific method, chemistry of life, cells, cell division, photosynthesis and cellular respiration, genetics, DNA, RNA, protein synthesis, Genetic engineering, evolution and ecology. All topics encourage students to think critically and to analyze the science from a Biblical worldview.

HONORS BIOLOGY

Year

Grade 9

Text: *Biology (Miller and Levine)*

Prerequisite: Algebra I or Integrated Math 1 completed

While Honors Biology covers the same general content as Biology, its pacing is much faster. This allows for greater depth of exploration in many topics; Honors Biology also has a greater focus on experimental design and data analysis. Honors Biology is a class for self-motivated, organized students who love studying God's creation and want a head start on their path towards AP Biology.

ANATOMY AND PHYSIOLOGY

Grades 11, 12

Year

Suggested Prerequisite: Biology

Text: *Essentials of Human Anatomy and Physiology (Pearson) 9th Edition*

This class investigates the structure & function of the human body. The first semester begins with a study of how we learn and then continues into the language of anatomy, tissues & body organs, the integumentary system, the skeletal system, and the muscular system. The second semester includes study of the nervous system, the special senses, the cardiovascular system, the respiratory system, as well as the endocrine and reproductive system. Throughout the year, homeostasis will be an overarching theme. This class requires a lot of memorization and is an invaluable experience for those interested in a career in the medical field. Beyond that, all students will have the opportunity to appreciate and explore God's marvelous creation, the order and exquisite design and function of human body, and to address and discuss key questions of life.

AP BIOLOGY

Grades 11, 12

Year, requires Teacher approval

Prerequisites: Biology & Chemistry

Text: *Principals of Life 2nd ed.*

AP biology is a college level biology course covering molecular biology, zoology, botany, ecology, evolution and anatomy & physiology. God is infinitely creative and held nothing back when He created life. By taking this course students gain an appreciation for the intricacies of life and how life could not function if Jesus were not holding all things together. This class prepares students for college by introducing them to the rigors of a college class within a nurturing environment. If students pass the AP standardized test in the spring, college credit may be awarded.

BIOTECHNOLOGY

Grades 10, 11, 12

Semester

Pre-Requsite: Biology

Biotechnology is a skills based laboratory focused class where students have the opportunity to use advanced laboratory equipment to perform remarkable experimental techniques such as bacterial transformation, DNA fingerprinting, DNA sequencing and genomic testing. Included in this course will be discussions about the ethical implications of these techniques. God has given us amazing tools through which we can study and manipulate the very code of life; this class will introduce students to, and let them practice using those tools.

CHEMISTRY

Grades 10, 11, 12

Year

Prerequisites: Biology

Text: World of Chemistry (McDougal Littell)

Chemistry is a study of matter, from the atom and the most current theory about its structure to the reactions of substances, measure and observed in the lab. Involved in this course are studies of the invisible world, the Periodic Table, mathematical concepts such as stoichiometry, nomenclature, chemical bonding, chemical reactions, gases and electrochemistry. Each unit consists of at least one major lab but expect weekly smaller labs and activities. As students study God's created world at this level, the perfection and design obvious in the atomic make-up of matter speaks of the character and nature of our Creator God much as the art of a particular artist speaks of the artist himself. This course is designed to be an introduction to concepts studied in college chemistry courses and a preparatory class for AP chemistry.

AP CHEMISTRY

Year

Grades 11, 12

Prerequisite: Chemistry or Honors Chemistry, Alg2/Trig

Text: Chemistry: The Central Science–13th ed (Brown, Lemay, Bursten)

AP Chemistry is an advanced, fast-moving course designed to give students an opportunity to study college level chemistry and to prepare students for the AP Chemistry Test in the spring. After reviewing material already learned in the previous chemistry course, students will study topics such as thermochemistry, molecular geometry and theories of bonding, intermolecular forces in liquids and solids, chemical kinetics, chemical equilibrium, chemical thermodynamics, electrochemistry, and organic and biological chemistry. Lab techniques and problem-solving are emphasized during the year.

FORENSICS (NNU CHEM 1040) DUEL CREDIT

Grades 9, 10,11, 12

Semester

Forensic science is the application of science to laws enforced by the criminal justice system. It integrates multiple areas of science including earth science, biology, chemistry, environmental science, physics, psychology and math. Students will learn to observe, interpret and report on observations accurately and without bias. Topics included in this class are evidence collection, fingerprinting, DNA, blood, substance identification and crime scene investigation. There will be an emphasis on accurate data collection, developing and using models, taking accurate measurements, analyzing and interpreting data, constructing explanations, designing solutions and communicating information. Some of the fun projects included in this class are investigating a "crime scene" and becoming forensic anthropologists to study skeletal remains.

ACTIVITY BASED PHYSICS

Grades 11, 12

Year

Prerequisite: Algebra II

Primary Text: ThePhysicsClassroom.com (Online)

Supplemental Text: Physics-Principles and Problems (Glenco 2005)

This is an activity based exploration of Physics at the Algebra level. Students should have a good understanding of algebra and right triangle trigonometry before taking this class. All instruction is built around interactive online lessons, demonstrations, labs and projects. Units covered include Newtonian Mechanics, kinematics, circular motion, gravitation, momentum, energy, work, thermodynamics, optics, sound, electricity and magnetism. Students use technology to aid in observation and calculations for each lab or project. This course serves as a "first look" Physics class and prepares students to move into a College level physics class.

ROBOTICS

Grades 10, 11, 12

Semester

Pre-Requisite: Algebra I with at least a B average or Faculty permission

This is an introduction to microprocessors, basic computer programming and electrical engineering. Students will understand and be able to apply skills to design, build and operate a simple robot. They write algorithms and code necessary to operate their robot through programmable microcontroller/computer interface. They design and build electronic devices and integrate them into their robot. They will be introduced to electrical engineering concepts. There is a strong logic component. This is a self paced class which requires strong student motivation. Can satisfy technology credit.

STRUCTURAL ENGINEERING AND DESIGN

Grades 9, 10, 11, 12

Semester

This is an engineering course which integrates basic engineering practices and principles. There is an emphasis on using the design process to create solutions and models to design challenges within the scope of structural or civil engineering. Students will engage in building models of bridges, towers and unique structures which solve a problem. They will develop problem solving skills using reasoning and creativity to design and build different things. Some topics covered in this course include architecture, bridges, arches, trusses, environmentally friendly structures and how structures withstand stresses such as weight and weather.

SOCIAL STUDIES

WASHINGTON STATE HISTORY

Semester

Grades 9, 10, 11, 12

Required if not taken at middle school level

Pacific Northwest History is designed to instruct students in a basic knowledge of the history of our region from a Christian perspective.

WORLD HISTORY

Grades 9, 10

Year, required (EWU World History may be substituted)

Text: *World History: Human Legacy* (Holt, Reinhart, Winston 2008)

The goal of this course is for students to gain a solid understanding of the important events throughout world history. The course begins by presenting a Christian philosophy of studying world history. Students will understand how a Christian worldview should affect the way the past is studied. Furthermore, by presenting us with the proper worldview, and by being the only reliable record of some of the world's most important events, students will also appreciate the importance of studying the Bible as they study world history. Students will learn important elements of geography as they study world history and they will gain an understanding of how events in world history impact events taking place today.

EWU WORLD HISTORY HIST 102/103 DUAL CREDIT

Grades 10, 11, 12

Year, required

HIST102 World History: To 1500 (5 credits) (1st sem)

HIST103 World History: From 1500 (5 credits) (2nd sem)

This course satisfies the EWU Hist 102 and HIST103 requirement and offers 10 semester college credits. A survey of the major events, developments and personalities that have shaped the civilizations of the world from creation to the start of the Renaissance. Second semester will cover from 1500 to 2000, emphasizing the expansion of Europeans around the globe since Columbus reached the New World with a focus on major themes in World History. Students will compare God's word to events in World History and how His word and those events impact our world today.

AMERICAN STUDIES (US HISTORY: 1830-PRESENT)

Grades 11, 12

Year, required (EWU American Studies may be substituted)

Text: *America—Pathways to the Present* (Prentice Hall)

This course is a survey of 19th and 20th century American History. As a theme throughout, students examine the complexity of the American character. American citizens are people of great diversity. We have stories of immigration and westward settlement; hardship and prosperity; and fighting wars at home and abroad. We have made and lost fortunes. We have struggled to define ourselves in war time and peace; to exercise freedom and sometimes withhold equality; and ultimately craft and test a democratic government representing our most prized ideas about the voice of the people. We fought a Civil War where we found a great leader, and as a people, began to build a new nation. We have a creative business genius we often call Yankee Ingenuity that changed the landscape of American cities and economy; and we celebrate the arts and achievements of poets, artists, musicians and philosophers. We openly challenge in public debate, and we sometimes hide behind fears like prejudice. We are great change makers; we believe in possibilities and we work to improve things. In our classroom, students explore these ideas set inside lessons, projects and readings over these centuries. Academic emphasis is placed on advancing reading comprehension, writing skills and critical thought. Skills like conducting research, comparative analysis, building argument and supporting opinion are practiced in all units of study

EWU AMERICAN STUDIES HIST 111/112 DUAL CREDIT

Grades 11, 12

Year, required

Text: *The American Pageant: A History of the Republic* (Kennedy, David M., 2006)

This course satisfies the EWU HIST 111/112 The American Experience: A Survey requirement (5 credits). A broad survey of unique features of the American experience, this course examines the origins and development of the American social, economic and political heritage on the domestic and international scenes. As well as critically examining how past events impact contemporary issues.

US GOVERNMENT/CONTEMPORARY WORLD PROBLEMS/ECONOMICS

Grades 10, 11, 12

Year, required (May substitute AP GOV)

Text: *Magruder's American Government* (Prentice Hall)

This one semester survey course is an introduction to American Government in action. Students will study the roots of democratic thought and constitutional principles. Students should also understand the Christian heritage in the Constitution and the role a Christian may play in effective citizenship. Students will also research and react to current events taking place in local, national and global communities. The goal is to shape sensitive, informed young Christian Americans with a Biblical worldview who seek to make a difference. Students will also study decisive Supreme Court cases and the Civil Rights Movement and have the chance to conduct debates.

AP UNITED STATES GOVERNMENT AND POLITICS

Grades 10, 11, 12

Year

Text and Supplemental Resources: Wilson, James Q., and John J. DiIulio Jr. *American Government: Institutions and Policies*, 12th ed. Boston: Houghton Mifflin

AP U.S. Government and Politics provides qualified students an opportunity to complete coursework at the high school level that is equivalent to a one-semester college introductory course in United States Government and Politics or in comparative government and politics. This course gives students an analytical perspective on government and politics in the United States. It also includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. The following topics will be covered throughout the course and students will ultimately be tested on these topics: constitutional underpinnings of United States government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of national government, public policy and civil rights and civil liberties. College credit may be obtained if a student scores a 3, 4, or a 5 on the AP examination in May. Upon completion of the course students should have a solid understanding of all aspects of United States government and politics. However, this course should also provide students with a unique advantage, by providing them with an understanding of our nation's Christian heritage. Furthermore, all aspects of our government, political system and current events will be examined within a Biblical worldview.

PHYSICAL EDUCATION

PE/HEALTH

Semester, required

Grade 9

Text: *Health: Making Life Choices* (Glencoe 2010)

Health class addresses health issues from a Christian philosophy. This course helps students to understand the unique way in which God has created them and that He is the God of our bodies (temples). We must learn to value good health habits in our lives to build up and care for our bodies for God's glory. This class prepares students for a life of healthy choices so they can serve God most fully. Course content includes units on fortifying the body with nutrition and exercise, defending the body against diseases and abusive substances and human growth. Coursework provides a springboard for class discussion and analytical thinking--critical to making good life choices. This course is valuable in helping students evaluate their life-style choices.

WEIGHT TRAINING

Semester, elective

Grade 10, 11, 12

In I Corinthians 9:26, the apostle Paul tells us to discipline our bodies and make them our slaves. While Paul was talking about submitting our human desires to God's will, this idea of making purposeful and willful choices to better our spiritual lives also should guide our physical lives. In this activity-based class we explore ways to safely and effectively use weights to develop and maintain healthy muscles, increase metabolism, and ultimately set solid training foundations upon which to build a life of healthy living. This is a student-driven class where students set their own weight training goals, establish effective weight lifting routines and learn techniques and strategies to motivate themselves and each other as they work to achieve those goals.

Career and Technical Education (CTE)

ANNUAL (YEARBOOK)

Grades 9, 10, 11, 12

Year, elective

Teacher approval required

God is an integral part of the school at NWCS. The objective of the annual staff is to reflect God's influence in the school life of the students by preparing a history of each year's activities and events. The staff will pick the year's theme, design elements and then create the school's yearbook using *edesign*. This course challenges students to daily grow in Christ and to prepare for a lifelong journey in technology and media. Students will be expected to understand and implement color study, composition and design in relation to the yearbook.

ASB

Grades 11, 12

Year, elective

Elected by Student Body

In ASB, more focus is placed on a team, combining "collective" efforts to serve the student body, rather than the individual titles or positions of each officer. High emphasis is placed on the spiritual growth of the student body, leadership training and application, service and outreach, coordinating school activities and events and building school spirit. The ASB team is responsible for such school activities as spirit days, Monkey Wrench, Battle for the Holy Grail, the school retreat, as well as facilitating the lobby vending machines and the student store. They also work at the Impact event as ushers and student ambassadors for the school.

BROADCASTING AND SPORTS PHOTOGRAPHY

Semester, elective

GRADES 9, 10, 11, 12

Broadcasting and Sports Photography is a course where students will be responsible for the broadcasting and photography of NWC sports and other events. They will learn how to operate cameras, set up live stream, and create overlays. They will also the basics of effective audio commentating and commentate for different sporting evens depending on the sports season. Much of the in-class time will be devoted to learning how to create overlays using Adobe Photoshop. Some out-of-class time will be required as students will be required to attend and broadcast school events.

BUSINESS AND VISUAL COMMUNICATION

Grades 9, 10, 11, 12

Semester, elective

In this course students will learn the basics of type and layout, one of the most important concepts in digital-based communication. They will learn what makes certain typefaces appropriate while other are not, how to match typefaces for *Title* vs *Body* copy, and how to use visual hierarchy to create things such as magazine ads. Students will learn how to get *type* to convey not just content, but also meaning. They will become proficient at the industry standard program *InDesign*.

COFFEE ENTREPRENEUR

Grades 10, 11, 12

Semester, elective

Coffee Entrepreneurs gain valuable work experience while operating our school coffee cart in accordance with the Spokane County Health Department regulations. They learn to "pull a perfect shot", steam milk, operate a cash register and learn to work as a team with their peers. Interns are required to obtain their Food Handlers Permit within 2 weeks of starting the class.

EWU COMMUNICATIONS 201 DUAL CREDIT

Grades 10, 11, 12

Semester, elective

Effective communication is a mark of an educated person and a responsible Christian. It says in I Peter 3:15 to "always to be ready to give an answer... to give the reason for the hope that is in you". In a world where confusion reigns clear speech is more important than ever. This is a course in design, delivery, organization, and presentation of speeches with an emphasis on informative and persuasive speeches, message delivery, and presentation of visual aids. We will also spend time applying our public speaking skills by focusing on strategic communication in leadership roles. We will study readings in the knowledge and techniques of leadership both Biblical examples and famous orators from history. We will also learn how use strategic communication to influence others.

COMPUTER INTERN

Grades 9, 10, 11, 12

Year, elective

Approval by Technical Director Required

Computer Interns receive valuable hands-on experience troubleshooting and repairing computers. They work with software and hardware while gaining real world experience in supporting end users. They also learn to dismantle a computer and rebuild it, network basics and become experienced in removing malware and viruses.

CYBER SECURITY/COMPUTER SCIENCE

Semester, elective

Grades 9, 10, 11, 12

Text: *Computer Security Literacy: Staying Safe in a Digital World (Chapman and Hall, 2012)*

This course will inspire high school students toward careers in cybersecurity or other science, technology, engineering and mathematics (STEM) disciplines critical to our nation's future. The course will help students understand the importance of cybersecurity as well as introduce students to cybersecurity principles. Students will also be introduced to introductory computer science topics such as Algorithms, Cryptography, and Information Theory. Additionally, some students will be prepared to compete in CyberPatriot, the national cyber security competition sponsored by the Air Force Association.

DIGITAL DRAWING/ILLUSTRATION

Grades 9, 10, 11, 12

Semester, elective

This is a project-based course where students learn how to take a hand drawn image from a physical to a digital medium. Students will learn to create illustrations that can be used for graphic design and other marketing material. They will leave this class as illustrators.

DIGITAL MULTI-MEDIA

Grades 9, 10, 11, 12

Semester, elective

Tech Requirements: Digital camera

Digital Multimedia is a project-based class that focuses on the skills necessary to operate a digital camera and associated applications. Students will learn how to take pictures and video in a wide variety of situations – from a dark field to a studio – how to storyboard, script, shoot videos and collect audio assets. Students will use a variety of software to learn how to edit and create photo compositions and basic video editing.

GRAPHIC ARTS

Grades 9, 10, 11, 12

Semester, elective

Prerequisite: Basic knowledge of the computer

Graphic Design is a multifaceted business marketing class that integrates marketing application and processes, internet marketing, website application, and business software applications. This is a project-based learning course in which students design and “market” a small business, learning what makes a successful product or service, explore the market for that business, and discover successful ways to market that business.

LUNCH AID

Grades 11,12

Year elective

This full-year course fulfills a CTE requirement and gives students the opportunity to serve the school staff and students. Among other duties, students will assist the Lunch Room Supervisor in preparation for lunch service and provide clean-up help between and after lunches.

OFFICE AID

Grades 10, 11, 12

Year, elective

Application is required and available at the front office

Office Aid not only fulfills the requirement for a CTE Credit, but provides an opportunity to serve our school staff and families as the student gives “behind-the-scenes” support and assistance. From setting the welcoming first impression on campus, to performing various office duties, the student will practice valuable skills and character qualities that can be carried into future employment or responsible positions in their community or church. Office duties include sorting mail, filing papers, photo copying, phone etiquette and data entry. Embracing Philippians 2:3-4 and Matthew 5:16, the student is encouraged to work heartily, as unto the Lord and for His glory! An encouraging evaluation will be given each quarter for the helpful purpose of measuring

important character traits and skills in the areas of responsibility, diligence, attitude, attendance and punctuality.

PEER TUTOR

Grades 10, 11, 12

Semester, elective

Prerequisite: Instructor approval required

Students meet one-on-one with another student to tutor and help with skills needed in the classroom or in the Learning Lab under the supervision of the either the classroom teacher or Learning Lab teacher. This occupational credit looks impressive on your transcript to prospective colleges. Each assignment will be specific to the strengths of the tutor and the needs of the students.

SCIENCE LAB INTERN

Grades 11, 12

Year, elective

Prerequisite: Instructor approval required

This course enables students to gain behind the scenes knowledge and experience in the science labs. Students will be oriented to safety measures working in the lab, work along teachers in the preparation of labs, assist in conducting/evaluating labs and manage lab materials in a variety of manners. This course is a great first step for students planning a career in science, allowing a resume reference for gaining employment in a college laboratory.

TEACHER'S AID

Grades 10, 11, 12

Year, elective

Application is required and available at the front office

This semester class will vary with the teacher that the student is working with. Some of the duties may include correcting papers, copying handouts, acting as an assistant to the teacher, running errands in the school, computer research and much more. If the student is a TA for a PE class it could include helping in physical ways, like setup for sports games and supervision on the field or court. If aiding in Art it could include setting up art supplies for the next class period. An evaluation is filled out at each grading period by the teacher they are directly assigned to. The class is categorized as an occupational credit.

WEB DESIGN

Grades 10, 11, 12

Semester, elective

Web-Design is a project-based course where students are introduced to organizing, planning, and designing effective web pages. Beginning with the most basic coding elements – HTML and CSS – students will learn how to create basic web pages and enhance their effectiveness with the use of page layout techniques, text formatting, graphic images, and multimedia.

2D ANIMATION

Grades 9, 10, 11, 12

Semester, elective

In 2D Animations, students in this course will learn the basics of animation (creating movement in a two-dimensional space), animating everything from a logo to a simple human figure. Students will become proficient at the industry standard program *After Effects*.



Elective Credit Equivalencies

Elective Course	Credit Per Semester	Credit Equivalency
2D Animation	.05	CTE
3-D Design 1 & 2	0.5	FA
Art I 1 & 2	0.5	FA
Advanced Art	0.5	FA
Advanced Band	0.5	FA
Annual (Yearbook)	0.5	CTE or FA
ASB	1	CTE
Broadcasting and Sports Photography	0.5	CTE
Business and Visual Communication	0.5	CTE
Coffee Entrepreneur	0.5	CTE
Communications 201	0.5	CTE
Computer Intern	0.5	CTE
Concert Choir	0.5	FA
Cyber Security/Comp Science	0.5	CTE
Digital Drawing/Illustration	0.5	CTE
Digital Multi-Media	0.5	CTE or FA
Graphic Arts	0.5	CTE or FA
Lunch Aid	1	CTE
Office Aid	0.5	CTE
Peer Tutor	0.5	CTE
Pottery	0.5	FA
Science Lab Intern	0.5	CTE
Teacher's Aid	0.5	CTE
Theater	0.5	FA
Worship Team	0.5	FA
Web Design	.5	CTE

Key

CTE= Career and Technical Education

FA = Fine Arts

TIP

Northwest Christian requires 1.5 credits of CTE, or three full semesters and 1 credit of FA, or 2 full semesters to graduate.



Dual Credit Opportunities

COLLEGE IN THE HIGH SCHOOL CLASSES

Students can obtain college credits and a transcript directly from the college.

EWU American Studies

This class fulfills the EWU **HIST 111/112** requirement at the college level and will provide ten college credits in all.

EWU World History

This class fulfills the EWU **HIST 102/103** requirement at the college level and will provide ten college credits in all.

College Composition

This class fulfills the EWU **ENGL 101/201** requirement at the college level and will provide ten college credits in all.

College Literature

This class fulfills the **ENGL 170** requirement at the college level and will provide five college credits in all.

Communications 201

This class fulfills the **CMST 201** requirement at the college level and will provide five college credits in all.

Forensic Science & Laboratory

This class fulfills the **NNU CHEM 1040/1060L** requirement at the college level and will provide four college credits in all.

Mathematical Reasoning

This class fulfills the **Math 107** requirement at the college level and will provide five college credits in all.

Pre Calculus

This class fulfills the **Math 141/142** requirement at the college level and will provide ten college credits in all.

Spanish 102

This class fulfills the **Spanish 102** requirement at the college level and will provide five college credits in all.

Spanish 103

This class fulfills the **Spanish 103** requirement at the college level and will provide five college credits in all.

Spanish 4 –221

This class fulfills the **Spanish 221** requirement at the college level and will provide five college quarter credits in all.

ADVANCE PLACEMENT (AP) CLASSES

Possible college credit can be earned through the AP Test administered in the Spring.

AP Biology

AP biology is a college level biology course covering molecular biology, zoology, botany, ecology, evolution and anatomy & physiology.

AP Chemistry

AP Chemistry is an advanced, fast-moving course designed to give students an opportunity to study college level chemistry.

AP Government

This course is equivalent to a one-semester college introductory course in United States Government and Politics or in comparative government and politics.

AP Language

This is designed to be a first year college level course and challenges students to demonstrate mastery of close reading, writing and interpretation skills needed for upper level work in college.

AP Literature

Through the reading, writing, and discussing aspects of this class, students will be prepared for college coursework.

AP Stats

AP Statistics is the high school equivalent of a one semester, introductory college statistics course.

AP Calc

AP Calculus is the high school equivalent of a one semester, introductory college level course calculus course.

TIP

Get a head start on your future and earn credit for both high school and college, simultaneously.



Grade 9 & 10 College Timeline

Fall

Meet your Academic Advisor. Your advisor is ready and willing to help you make sense of your college and career options. Set up a meeting to talk about your plans for high school and the future.

Get involved. Extracurricular activities (both school- and non-school-sponsored) are an important part of high school. Make the effort to get involved with groups, clubs or teams that interest you.

Pick the right mix of classes. Make sure you're enrolled in the appropriate college-prep classes. Most colleges require four years of English, at least three years of social studies, at least three years of mathematics, and three years of science. Many require two years of a foreign language. Round out your course load with classes in technology, occupational and the arts.

Take the PSAT.

Take a PSAT. Taking the PSAT as a sophomore will help prepare you for the real SAT. It also allows you to release your name to colleges so you can start receiving brochures and information from them.

Get ready for the SAT. Download the free Daily Practice for the New SAT app to get a feel for the kinds of questions you might face on test day.

Attend college and career fairs. Watch for opportunities through the College and Career Readiness Center to attend informational events and take advantage of on-campus college visits.

Continue exploring potential careers. Explore career options in more detail and research possible careers to learn about the tasks, education and training necessary for occupations that draw your interest.

Winter

Consider a college savings plan. Get the facts on what colleges cost and begin discussions about planning for college expenses. Visit studentaid.ed.gov/myfsa to determine how much you should be saving to meet college expenses.

Make the grade. Get off to a good start with your grades because they will impact your GPA and class rank. Although college seems like a long way off, grades really do count toward college admission and scholarships. Ninth grade transcript grades are one-third of what colleges see when you first apply.

Explore your interests and possible careers. Discuss your skills and interests with your academic or class advisor and take advantage of Career Day and College Fair opportunities at school.

Stay involved with extracurricular activities. Work toward leadership positions in the activities you like best. Extracurricular activities can help you develop time management skills and enrich your high school experience.

Explore your interests and possible careers. Discuss your skills and interests with your academic or class advisor and take advantage of Career Day and College Fair opportunities at school.

Become involved in community service. Investigate and choose some volunteer opportunities in areas that interest you.

Spring

Build your credentials. Keep track of academic and extracurricular awards, community service achievements, and anything else you participate in, so it's easier to remember later. It will come in handy when you are filling out college applications or creating a resume.

Start learning about college. Use the Internet to check out college web sites. Use Naviance to view college profiles and make lists of potential colleges.

Keep your grades up. It's important to remain focused on doing well in classes. Your grades permanently affect your GPA and class rank.

Continue gathering information. Visit college's websites and social media accounts to get an idea of what campus life and classes are like. This will help build your college list.

Summer

Explore college life. Visit relatives or friends who live on or near a college campus. Check out the dorms, go to the library, the student center, and walk around the campus—just get a feel for college in general.

Make summer count. There are plenty of ways to have fun and build your credentials during the summer, volunteer, get a job, or sign up for an enrichment program.

Use your summer wisely. Work, volunteer or take a summer course.

Tour college campuses. If possible, take advantage of vacation or other family travel time to visit colleges.

Read and write. Develop your reading and writing skills. No matter what path you pursue, these skills will help prepare you. Stay up on current events and learn what's going on in your community.



Grade 11 College Timeline

Summer

Get the facts on what colleges cost. Learn the difference between private vs. public colleges, small liberal arts schools vs. large state colleges. You may be surprised by how affordable your college options are.

Explore financial aid options. These include grants and scholarships, loans and work-study programs that can help pay for college costs.

There are four main types of financial aid:

- **Grants** are called gift aid because they do not have to be paid back. Grants come from federal and state governments and from colleges. Most grants are need based, which means they are usually given based on your or your family's financial circumstances.
- **Scholarships** are also gift aid. Scholarships come from governments, colleges and private organizations. They may be awarded for academic or athletic ability, interest in a certain subject, or volunteer work, for example. Some scholarships are given based on membership in an ethnic or religious group. Companies may also give scholarships to children of employees.
- **Loans.** Borrowing money from a bank, government or lending company is called taking out a loan. A loan must be paid back with an extra charge called interest. The federal government offers low-interest loans to students with financial need. Other lenders charge more interest.
- **Work-Study Programs.** The Federal Work-Study Program offers paid part-time jobs to help students pay for part of their college cost.

Fall

Make a college list. Make a list of colleges that meet your most important criteria; size, location, cost, academic majors, special programs. Weigh each category on their importance to you and develop a preliminary ranking.

Continue gathering information. Go to college fairs, attend college nights and speak with college representatives. Use Naviance and search top college lists. Add or remove colleges from your list according to information gathered.

Take the PSAT. Taking the test qualifies you for the National Merit Scholarship program.

Make sure you're meeting any special requirements: If you want to play Division I or II sports in college, start the registration process now. Meet with a counselor and make sure you are meeting the core curriculum requirements.

Start with you. Explore careers and their earning potential based on your abilities, interests and personal qualities. Use resource sites such as Naviance to find careers that relate to your interests and learn fun facts about the economy and jobs.

Winter

Prepare for standardized tests. Find out if the colleges you are interested in require the SAT or ACT. Most juniors take them in the winter or spring of their junior year and again in the fall of senior year. Use free online test practice that's available through College Board and KHAN Academy.

Stay involved with extracurricular activities. Colleges look for consistency and depth in non-academic activities and clubs. Taking on leadership roles and making a commitment to the same groups are more impressive than adding new activities each year.

Begin narrowing down your college information. Be sure you have all the information you need about the colleges you are interested in including entrance requirements, tuition, room and board costs, course offerings, student activities, etc.

Spring

Prepare a challenging senior year. Meet with your counselor to determine what classes you'll take next year to stay on track for graduation.

Start a scholarship search. There are a lot of scholarships available. You need to spend time researching them. Look at online scholarship search tools such www.studentaid.ed.gov/scholarship to find scholarships for which you might want to apply. Some deadlines fall in the summer prior to senior year or early fall so prepare now to submit applications.

Contact your recommendation writers. Teachers and counselors are often asked to write recommendation letters. Consider whom you want to ask now and let them know so they will have time to prepare.

Apply for a summer job or internship. Summer employment and internships in the fields you are interested in will boost your application or resume.

Set appointments at your top college choices. You often need to plan ahead when visiting colleges. Call the admissions office to schedule an interview, tour and any meetings with professors or coaches if you're interested.

Take the SAT: Tests are typically offered in March, May and June.

Grade 12

2 Year Community or Technical College Timeline



October of Senior Year

Apply for Financial Aid:

- After October 1st of your Senior year apply for a FSA ID at fsaid.ed.gov
 - Both you and one parent/guardian will need to each create a separate FSA ID.
- Fill out the FAFSA at fafsa.gov
- Request your FAFSA be sent to the colleges you will apply to within the FAFSA application.
- Submit the FAFSA with your any required income tax forms by the college priority deadline.
- The sooner you file after October 1, the sooner you will be in line to receive federal financial aid!

January of Senior Year

Apply to Desired Community/Technical College:

- Applications are online and most communication will be done via email.
- Make sure you are using an email you can access easily.
- Check email for acceptance letter, Student ID Number and any instructions or next steps.

Jan-Feb of Senior Year

Sign-Up to Take Placement Tests:

- Instructions will be provided in an email from the school.
- Tests are required for placement into college level English or Math.
 - You may be exempt from testing if you qualify based on your SAT/ACT scores or your cumulative GPA.
- \$25-\$35 testing fee is required.

Jan-Mar of Senior Year

Apply for Scholarships:

- Priority deadlines are mid-March.
- Complete any community or technical college scholarship applications online.
- Search for private scholarship opportunities.

April of Senior Year

Check Financial Aid Portals at the College:

- You will receive an email with instructions on how to access this portal
- This is where you will find information regarding your financial aid status at the college.
- Look for materials that are required but have not yet been received and respond ASAP.

Apr-Jun of Senior Year

Attend Orientation:

- Sign up for orientation when you complete your placement testing.
- Register for Fall classes during orientation.

May 1 of Senior Year

National Student Reply Date:

- Confirm your attendance at the college and pay your confirmation fee on or before deadline.
- Make sure your High School is notified of your college choice and send final transcripts if required.



Grade 12

4-Year University Timeline

Summer before Senior Year

Visit colleges . If you haven't already, make plans to check out the campuses of colleges in which you are interested. When planning your campus visits, make sure to allow time to explore each college. While you're there, talk to as many people as possible. These can include college admission staff, professors and students.

Finalize a college list. Choose which colleges to apply to by weighing how well each college meets your needs.

Find out a college's actual cost. Once you have a list of a few colleges you're interested in. **Net Price** is the real price that a student pays to go to a college. It's the published price of the college minus the gift aid that the student receives. The net price of a college is often much lower than its published price. Most colleges now offer a tool on their websites called a net price calculator. This online tool gives you an estimate of the actual price you would pay to go to a certain college, based on information you enter about your finances. Your net price will be different for every college, so it's a good idea to use each college's net price calculator.

Start on applications early. You can get the easy stuff out of the way now by filling in as much required information on college applications as possible.

Decide whether to applying early. If you are set on going to a certain college, think about whether applying early is a good option. Now is the time to decide because early applications are usually due in November and some colleges have financial incentives for students.

Gather financial documents: To apply for most financial aid, you will need to complete the Free Application for Federal Student Aid (FAFSA). You'll need your parent's most recent tax returns and an FSA ID to complete the FAFSA, which opens Oct. 1.

Fall of Senior Year

Narrow your list of colleges to between 5 and 10. Meet with a counselor about your college choices and, if you haven't done so yet, download college applications and financial aid forms. **Plan to visit** as many of these colleges as possible.

Create a master list or calendar that includes:

- Tests you'll take and their fees, dates and registration deadlines.
- College application due dates.
- Required financial aid application forms and their deadlines (aid applications may be due before college applications)
- Other materials you'll need (recommendations, transcripts, etc.)

Take the SAT or ACT one more time: Many seniors retake the SAT or ACT in the fall. Additional course work since your last test could help you boost your performance.

Be sure to have your SAT or ACT scores sent to the colleges you're applying to.

Complete the Free Application for Federal Student Aid (FAFSA): To apply for most financial aid, you'll need to complete the FAFSA. Oct. 1 is the first day you can file the FAFSA.

Complete the CSS/Financial Aid PROFILE through College Board: PROFILE is an online application used by certain colleges and scholarship programs to determine eligibility for their aid dollars.

Prepare early decision/early action or rolling admission applications as soon as possible. Colleges may require test scores and applications between Nov. 1 and Nov. 15 for early decision admission.

Ask a counselor or teacher for recommendations if you need them. Give each teacher or counselor an outline of your academic record and your extracurricular activities. These are written in your senior resume.

Write first drafts and ask teachers and others to read them if you're submitting essays. If you're applying for early decision, finish the essays for that application first.

Ask counselors to send your transcripts to colleges. Give counselors the proper forms at least two weeks before the colleges require them.

Winter of Senior Year

Keep photocopies as you finish and send your applications and essays.

Have your high school send a transcript — it is sent separately by mail to colleges if you apply online.

Give the correct form to your counselor if the college wants to see second-semester grades.

Spring of Senior Year

Visit your final college before accepting. You should receive acceptance letters and financial aid offers by mid-April. Notify your counselor of your choice.

Inform every college of your acceptance or rejection of the offer of admission and/or financial aid by May 1. Colleges cannot require your deposit or your commitment to attend before May 1.

Send your deposit to one college only.

Take any AP Exams. Show what you've learned in your AP classes. A successful score could even earn you credit, advanced placement, or both in college.

Waitlisted by a college? If you intend to enroll if you are accepted, tell the admission director your intent and ask how to strengthen your application. Need financial aid? Ask whether funds will be available if you're accepted. **Keep active in school.** The college will want to know what you have accomplished between the time you applied and the time you learned of its decision.

Ask your high school to send a final transcript to your college.

Review your financial aid awards: Not all financial aid awards are the same, so it's important to choose the aid package that's best for you and your family. Be sure to note what you have to do to continue receiving financial aid from year to year, and how your aid might change in future years.

TIP

Qualities Colleges Look for in Students

Many college-bound students want to know what college admissions counselors look for when evaluating applications. The following is a list of qualities that college admissions counselors seek in prospective students.

- A challenging high school curriculum.
- Grades that represent strong effort and an upward trend.
- Solid scores on standardized tests.
- Passionate involvement in a few activities, demonstrating leadership and initiative.
- Letters of recommendation from teachers and counselors that give evidence of integrity, special skills, positive character traits and an interest in learning.
- Special talents or experiences that will contribute to an interesting and well-rounded student body.
- A well-written essay that provides insight into the student's personality, values and goals.
- Enthusiasm in attending the college.
- Work and community service experiences that show dedication and responsibility.
- Demonstrated intellectual curiosity through reading, school and leisure pursuits.





NCAA Eligibility Center

Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for **competition on or after August 1, 2018**, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive **athletics aid and practice as a partial qualifier on or after August 1, 2018**, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses	
3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
3	years of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy).



NCAA Eligibility Center

NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

DIVISION I Core-Course Requirement (16)	
4	years of English
3	years of math (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered)
1	year of additional English, math or natural/physical science
2	years of social science
4	years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016 Qualifier Requirements	
<i>*Athletics aid, practice, and competition</i>	
•	16 core courses <ul style="list-style-type: none"> ○ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science. <ul style="list-style-type: none"> ▪ "Locked in" for core-course GPA calculation.
•	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
•	Graduate from high school.

DIVISION I – 2016 Academic Redshirt Requirements	
<i>*Athletics aid and practice (no competition)</i>	
•	16 core courses <ul style="list-style-type: none"> ○ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
•	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
•	Graduate from high school.

