



## 2014-2015 COURSE DESCRIPTIONS

Grades 9 – 12

### Graduation Requirements

Bible	3 units
Computer Skills	1 unit
Electives	3 units
English	4 units
Foreign Language	2 units
Mathematics	4 units
PE/Health	1 unit
Science	3 units
Social Studies	3 units
Understanding the Times (philosophy and ethics)	<u>2 units</u>
 Total Units Required	 26 units

Students meeting HCS requirements for graduation will have the courses needed to enter the UNC system and nearly any college they choose. Grades (GPA), obviously, are critical to any potential acceptance though, so you must put forth your best effort at all times during your high school classes.

### Guidelines for Honors Courses

1. Must have attended HCS at least one full year before taking honors courses, unless honors courses were taken or recommended at another school. (This decision will be at HCS faculty's discretion.)
2. Must meet pre-requisite requirements for honors course (see course description).
3. Must have teacher recommendation from previous year's course.
4. Must have present course teacher's approval.
5. Must have written parent permission.
6. Must maintain a C average to remain in the honors course.
7. Classroom behavior must be exemplary and that determination is at the discretion of the teacher providing the recommendation.

Students who qualify are very strongly encouraged to take honors courses, as the college you will attend is expecting to you having taken challenging courses.

## **BIBLE DEPARTMENT**

### **Bible I**

**Grade 9**

**1 unit**

In this course, 9<sup>th</sup> grade students will study the life of Christ, beginning with His existence prior to creation and His prophesied coming in the Old Testament, preceding to His birth, His three year ministry, death, resurrection, and extending to His current work in the world, second coming and heavenly rule. Students will complete an in-depth study of the four gospels of the New Testament.

The first semester focuses on the pre-existence of Christ through His early years of ministry. The second semester focuses on the final year of His ministry, His death and resurrection, the spread of the Gospel and His second coming. Scripture memorization is assigned each week as well as weekly quizzes. Tests are given on every three chapters.

### **Bible II**

**Grade 10**

**1 unit**

This course is a study of God's Plan of Redemption within a survey of the Bible. *FaithQuest*, a Lifeway publication, is a survey of the Old & New Testaments. Students learn that God's faithfulness leads to development of our faith in Him. God's character is seen in his creation, His names, His laws and His acts with mankind. In Genesis students are exposed to answers to the fundamental questions about Creation, life, sin, consequences, the eternal God as well as Israel and the patriarchs. Seven stages of Jewish history are included. A panoramic view of the New Testament is also presented, thereby allowing the student to see the completion of God's plan of Redemption. A book report per semester and regular scripture memory is a regular part of this course.

### **Bible III**

**Grade 11**

**1 unit**

Bible III is taught from the perspective that God's Word is inerrant and our ultimate truth. *Reality Quest* by Lifeway is one of the foundational curriculums used in Bible III. This course focuses on basic doctrines of the Bible such as God, man, sin, salvation, redemption, and eschatology.

*Timeless Truths*, and ACSI curriculum is used to teach that the principles, truths of God's Word are universal, and timeless for all ages. It is an apologetics course and teaches the reliability, authenticity, and authority of the Bible. It teaches the student to be a thinker and has many opportunities for discussion.

*Mastering Bible Study Skill*, a course modeled after Howard Hendricks at Dallas Theological Seminary and The Precept Method from Precept Training (Kay Arthur) is also used. The goal is to give skills to students that will enable them to study scripture on their own and interpret it contextually and more accurately.

Memory verses, supplemental reading, oral deliveries, current issues and more are components of this course.

### **Understanding the Times Honors**

**Grade 12**

**2 units**

This is a two-part course consisting of Christian philosophy and Christian ethics. Seniors will receive two credits for this class. The class will meet two periods each day.

Understanding the Times is a curriculum designed to show young people that the Bible is true, practical, and applicable to every area of life. It begins by opening students' eyes to the competing worldviews that surround them and aids them in understanding the "big picture," how ideas have consequences. It moves on to solidify their faith in a logical, rational, persuasive Christian worldview. Students are equipped with a solid Christian perspective on current issues, which encourages them to translate knowledge into action; to move from being a part of the problem to being a part of the solution. **This course is required of all seniors.**

## **CHILDHOOD DEVELOPMENT DEPARTMENT**

### **Child Development I**

**Grades 11 – 12**

**1 unit**

The course focuses on the five areas of development in children. It is an activity-oriented class. The goal of this course is to give hands on experience in working with children, as well as the opportunity to watch them develop, and have a positive influence on their lives. One supplementary project will be due each semester, which will be a report on an approved book in the field of child development. In addition, the student will keep a daily journal to record thoughts and ideas of how best to meet the needs of developing children. The student will have opportunity to assist the teacher in a variety of ways.

Supplemental Reading: The Strong-willed Child by Dr. James Dobson, The Five Love Languages of Children by Gary Chapman & Russ Campbell.

### **Child Development II**

**Grade 12**

**1 unit**

This is a continuation of Child Development I, which further gives the high school student opportunity to observe children in a classroom setting, and to assist the teacher. The student will keep a daily journal of observations and involvement in the classroom, as well as prepare a weekly activity to do with students. This course will also provide the format for creativity by allowing the student to do bulletin boards. A supplementary project will be due each semester, which will be a report on an approved book in the field of child development.

## **COMMUNICATIONS & COMPUTER INFORMATION SYSTEMS DEPARTMENTS**

### **Computer Applications I**

**Grades 10 – 12**

**1 unit**

The learner will practice and refine knowledge and skills in keyboarding, word processing, desktop publishing, spreadsheets, databases, multi-media, and telecommunications. They will learn to use electronic resources for research. They will be introduced to both MAC OS and Windows XP operating systems. They should gain a mastery of MS Word, MS Excel & MS PowerPoint. Also, computer and Internet ethics will be taught.

### **Computer Applications II**

**Grades 11 – 12**

**1 unit**

Pre-requisite: Computer Applications I

This elective class is pending depending upon need and interest.

### **Drama, Film & Culture**

**Grades 11 – 12**

**1 unit**

Pre-requisite: Teacher recommendation and parent-student agreement

This elective class offering is pending depending upon interest.

To examine techniques in drama and film (both movies and TV), and use what is learned to study the context, purpose, and message of the studied pieces as they pertain to the

time period and culture in which they happened, as well as how they influence culture to this day. This will help students to understand that entertainment, specifically through drama and film, takes a part in shaping culture, human interaction, and belief. By the end of the class, students should be able to recognize not only structure and message, but be able to analyze films and explain how that film connects to the culture of their life. Assessment will include testing, quizzing, independent film critiques, and written opinions on film viewed in class. Not only would this class seek to help students to develop an awareness of film quality, but it would also strive to have students be able to evaluate the truth in the message the film portrays

**Journalism**

**Grades 10 - 12      1 unit**

Journalism is an elective available to grades 9-12. The class produces the annual yearbook. Journalistic style of writing, basic graphic design, layout, photography, and planning are all incorporated into the class. Students will also have opportunity to work with Photoshop and Adobe Each student will experience planning, budgeting, writing, typing, and layout. Important journalistic ethical issues are also discussed.

**Photojournalism**

**Grades 10-12      1 unit**

Photojournalism, pending approval and interest, would be a combination of Journalism and Art (specifically Photography) for students interested in both subjects. This class would be co-taught by both the Art and Journalism teachers.

**Teacher's Aide**

**Grade 10-12      .5 unit**

1. Must report to the teacher each day promptly. If the teacher or supervisor doesn't have work for him/her to accomplish, the student must remain in the classroom and work on his/her homework
2. The teacher may give clerical work, cleaning (such as dusting) organizing bulletin board work, and errands within in the school, etc.
3. The student may be loaned to another teacher or the office for a temporary job, but the supervising teacher must previously approve this action.
4. The student aide must be a person of integrity, dependability and maintain good attendance and may be required to drop the course if he/she abuses this privilege and responsibility.
5. The grade the student earns will depend upon their execution of assigned duties, their attitude, promptness, and overall performance. Students will earn the grade of 'EX'-Excellent, 'PA'-Pass, or 'FA'-Fail. This grade will not affect the student's GPA.

## **ENGLISH DEPARTMENT**

### **English I**

**Grade 9**

**1 unit**

English I provides an introduction to high school grammar, literature, vocabulary, writing skills, and oral presentations. Basic instruction on the research paper leads students to write one in the second semester. Major literary works include the following: *Romeo and Juliet*, *Across Five Aprils*, *The Old Man and the Sea*, and *The Odyssey*. Shorter works are also studied to establish a foundation in literary criticism and comprehension. The Christian Worldview forms the foundation for studying the literature. The class will attend the North Carolina Shakespeare Festival in the Fall Semester.

### **English I Honors**

**Grade 9**

**1 unit**

Pre-requisites: At least an A- average in English 8

Teacher recommendation and parent-student agreement

Honors students participate in all the same work as English I, but with the addition of extra reading and writing to challenge them in the subject. Works that will be included on top of their basic class can come from *Journey to the Center of the Earth*, *The Adventures of Huck Finn*, or any other work the teacher deems appropriate.

### **English II**

**Grade 10**

**1 unit**

Tenth grade English is designed to provide an efficient study of grammar, usage skills, writing skills, formal composition, vocabulary, and word applications. One formal research paper is required along with various other creative writings. Using the textbook, Elements of Literature, various short stories, poetry, drama, novel, and non-fiction are studied. The poetry unit includes such well-known poets as Hughes, Frost, Housman, Wordsworth, Shakespeare, and Dickenson. Many literary works include: Our Town, Julius Caesar, Antigone, A Separate Peace, and Animal Farm. Each of these, are studied through a Christian worldview, and students are challenged to be analytical, critical thinkers. Class discussions and questions serve to sharpen students' abilities to grasp meanings beyond what is on the written page. Independent reading is required and weekly vocabulary lists are studied and tested.

### **English II Honors**

**Grade 10**

**1 unit**

Pre-requisites: At least an A- average in English I

Teacher recommendation and parent-student agreement

Tenth grade Honors English is a course designed for students gifted in this area. All the classics listed above in the traditional college preparatory English II are studied along with additional literature classics. This course offers a more intense study in grammar, vocabulary, composition and literature with more independent work for the capable student. Two formal research papers are required as well as one outside novel to be read and reported on each semester.

**English III****Grade 11****1 unit**

This course provides a focused study on American literature with a writing component that focuses on critical analysis of the works studied. Grammar instruction comes from the process of reading and writing. Weekly and bi-weekly vocabulary assignments augment the reading and writing skills. Compositions, oral presentations and a research paper are required. Major works of literature chosen come from the following list: *The Scarlet Letter*, *The Great Gatsby*, *The Glass Menagerie*, *To Kill a Mockingbird*, and *Twelfth Night*. There will also be selections from short fiction, American political documents, personal letters, and poetry. The course deals in the growth of American thought, the process of American culture, and views both from a Christian Worldview.

**English III Honors****Grade 11****1 unit**

Pre-requisites: At least an A- average in English II

Teacher recommendation and parent-student agreement

Students will complete all work for English III, as well as more challenging work designed for the college preparatory student who desires more of a challenge. Students will be required to read one extra novel per semester, and write analytically/critically about the work they picked.

**English IV****Grade 12****1 unit**

Twelfth grade English covers the major periods of British literature which begins with the Anglo-Saxon period and ends with twentieth century literature. Works studied include Beowolf, The Canterbury Tales, Hamlet, Macbeth, Pygmalion and Paradise Lost. Poetry studied will be from Wordsworth, Blake, Tennyson, Browning, Keats, Buras, Shakespeare, Byron, Rosetti, and Kipling. Oral interpretations and discussions are emphasized. All literature is taught through a Christian worldview, and critical thinking is encouraged. A thematic approach is used. Weekly vocabulary learning, quizzing and applying is incorporated consistently. English grammar and mechanics are reviewed and proper usage is expected in all writings. Developing one's own writing style is given opportunity through essays, poetry, character analysis, satire and short stories. Independent novel reading and a book review are assigned each semester. One unit of public speaking is covered. This course is designed to prepare students for college English

**English IV Honors****Grade 12****1 unit**

Pre-requisites: At least an A- average in English III

Teacher recommendation and parent-student agreement

This course is a more intense study of British authors and poets and is for students with proficient writing abilities and who are academically talented in English. Beowolf, The Canterbury Tales, Macbeth, Hamlet, and Paradise Lost are covered in addition to other selected readings. Challenging vocabulary and grammar are reinforced. Additional student research, independent reading, various assignments, and a more thorough understanding of literature will be required. It is understood that an honors student is responsible for all regular English IV assignments in addition to the Honors level assignments. This course is designed to equip students for college English.

## **FINE ARTS DEPARTMENT**

### **Art I (Elements of Design)**

**Grades 10 – 12      1 unit**

Art I is designed to reinforce and build on knowledge previously developed in elementary and middle school. Students will have experiences in producing two and three-dimensional work. The course emphasizes the study of the elements of art and principles of design, color theory, and safety in the art room.

### **Art II**

**Grades 10 – 12      1 unit**

Pre-requisite: Successful completion of Art I

Art II builds on the student's technical skills and foundation of knowledge developed in Art I. Various art processes, procedures, and theories are presented in a problem-solving manner. The approach to art experiences is less experimental and based more on informed choices.

*Possibility of continuing to Art III, if interest is present.*

### **Chorus I, II & III**

**Grades 9 – 12      1 unit**

Goals for this group include proficiency in reading music with both the treble and bass clef, recognizing music symbols within the musical score and learning to follow his/her part within the choral selections. Students will learn to produce proper sound and tone quality as well as good breathing support through voice exercises. All performances scheduled throughout the year for chapels, community projects, Christmas, spring and competitions are mandatory. All students are expected to be present.

### **Chorus III Honors**

**Grade 12      1 unit**

Pre-requisite: Students should have completed at least two years of Chorus

Honors Chorus is offered to the senior student who has shown an exceptional ability in music and choral singing. Students will be expected to fulfill the requirements of the regular course study for Chorus and will work independently through Alfred's Complete Essentials of Music Theory. In this workbook, students will learn fundamentals and advanced theory through detailed lessons of music reading and writing, and ear training.

### **Concert Chorus**

**Grades 9-12      1 unit**

Pre-requisite: Teacher approval and student-parent agreement.

This class is pending approval and is intended to be more in-depth and demanding in vocal expectations and also in learning and understanding of music theory.

## **FOREIGN LANGUAGE DEPARTMENT**

### **Spanish I**

**Grades 9 – 11      1 unit**

Spanish I is an introductory course for the high school student to understand and speak a contemporary foreign language. The emphasis is on commonly used daily conversational, Latin-American Spanish. Only very basic grammar is taught during this year, with vocabulary and oral practice being the focus. Students should be able to begin to identify words and phrases in spoken Spanish and should be able to converse at a very elementary level.

### **Spanish II**

**Grades 10 – 12      1 unit**

Pre-requisite: Successful completion of Spanish I

Spanish II assumes basic phonetic and vocabulary knowledge. Oral skills are practiced and vocabulary extended. Reading for general meaning, understanding a variety of native speakers and basic grammar are emphasized. Students should be able to comprehend basic spoken language and construct grammatical sentences as well as generally grasp written Spanish.

### **Spanish III Honors**

**Grades 11 – 12      1 unit**

Pre-requisite: Successful completion of Spanish II

Teacher recommendation and parent-student agreement

Spanish III is an elective course for students who have demonstrated an interest in foreign language or who wish to improve their proficiency for college or career use. Total immersion in the language is expected. Reading and speaking skills are at a more advanced level with grammatical understanding emphasized. Students would be able to understand spoken Spanish, communicate orally and in written form with a basic understanding of grammatical structures. This class will be based upon student interest.



## MATHEMATICS DEPARTMENT

- **Note:** The Saxon Math curriculum that we use has Geometry concepts embedded throughout the three Algebra courses. Upon successful completion of Algebra I, II & III we can also issue the credit for Geometry. This allows those who desire to proceed into Pre-Calculus to do so. For those who struggle in this area and do not desire to meet UNC requirements, there is the option of taking the following progression: Alg. I, Alg. II, Geometry and Consumer Math and still receive the required 4 high school math credits. Consumer Math is not considered and upper-level math.

**Algebra I** **Grade 9** **1 unit**  
Algebra I provides general knowledge of basic mathematical concepts. Problems covered involve perimeter, area, and volume, powers and roots, negative exponents, word problems with algebraic phrases, simultaneous equations, greatest common factors, least common multiples, ratio and percent word problems, addition and multiplication of polynomials, graphs of linear equations, and factoring trinomials and the difference of squares. Practice to develop speed and accuracy in computation is given.

**Algebra II** **Grade 10** **1 unit**  
Pre-requisite: Successful completion of Algebra I

This course offers a more advanced study of Algebra. Topics include everything in Algebra I plus percent and ratio, scientific notation, chemical compound, uniform motion, unit multiplication, chemical mixture, and ideal gas law problems. It covers deductive reasoning, angles in polygons, inscribed quadrilaterals and circles, sine, cosine, tangent and inverse functions, quadratic equations and formulas, imaginary numbers, rectangular and polar coordinates, and more.

**Geometry** **Grade 9-12** **1 unit**  
Pre-requisite: Successful completion of Algebra I & II is preferred

This course covers projects such as constructing congruent segments or bisected angles. It covers two-column proofs, inductive reasoning, truth tables, disproving conjectures through counterexamples, and postulates and theorems in Geometry. It covers properties of special polygons such as quadrilaterals, and triangles and properties and cross-sections of solids such as cones, pyramids, prisms, and spheres. It also covers triangles, triangle similarity, properties of right triangles, Pythagorean theory and basic trigonometry and real life applications of these properties and relationships.

**Algebra III/Geometry/Trigonometry** **Grade 11-12** **1 unit**  
Pre-requisites: Successful completion of Algebra II  
Teacher recommendation and parent-student agreement

Topics covered include: trigonometry; functions; graphing; conic sections and polar graphing; equations; matrix algebra; complex numbers and vectors; polynomials and rational functions; sequences, series, and math induction; and calculus.

**Pre-Calculus Honors****Grade 12****1 unit**

Pre-requisites: Successful completion of Algebra III

Teacher recommendation and parent-student agreement

This course emphasizes the upper-algebraic concepts and skills. Topics covered include trigonometric functions, common logarithms, natural logarithms, equations of conics, matrices, determinants, arithmetic series, geometric series, roots of higher-order polynomial equations and curve sketching.

**Calculus Honors****Grade 12****1 unit**

Pre-requisites: Successful completion of Pre-Calculus

Teacher recommendation and parent-teacher agreement

The Course is designed to give students a mathematical foundation for engineering, mathematics, the physical and life sciences, and economics. The students will be required to have a grasp of math in four major categories: 1. Problem solving, 2. Technology, 3. Communicating with mathematics and 4. Real-life applications.

**Consumer Math****Grades 11 – 12****1 unit**

This basic elective course focuses on applied mathematics, especially in the areas of personal and small business finance. This is an activity-oriented course, which includes the use of graphing calculators and/or computers. While this class can count as a 4<sup>th</sup> high school math credit, and is only offered to upper-level grades, *this course does NOT qualify as an upper-level math.*

**PHYSICAL EDUCATION DEPARTMENT****Physical Education /Health****Grades 9 – 12****1 unit**

Each day, students will complete a required routine of calisthenics for proper stretching and warm-up. Following, they will participate in a variety of athletic competitions such as basketball, touch football, volleyball, ultimate, soccer, and team handball as well as other fitness activities. Each semester, they will conclude with an exam including physical and or academic challenges related to physical education. The third quarter of the year will focus strictly on the Total Health curriculum, which not only addresses the typical physical health and nutrition concepts, but, will include discussion on mental, social and spiritual health

## **SCIENCE DEPARTMENT**

### **Physical Science**

**Grade 9**

**1 unit**

Physical Science is the systematic study of God's physical creation and how it works. This lays a firm foundation for future studies in chemistry, physics, meteorology, oceanography, and geology. We will cover basic topics such as matter and its properties, units of measure, atoms, the periodic table, energy, and particle motion. Students will participate in labs to apply knowledge gained. Grades will be derived from test, projects, quizzes, labs, and participation in Science Buddies.

### **Physical Science Honors**

Pre-requisites: At least an A- average in Earth Science

Teacher recommendation and parent-student agreement

Physical Science Honors students will be assigned to a team where they will participate in research and in depth study of an assigned topic. Students will prepare and design projects according to the Science Olympiad Guidelines. Students will be required to participate in Science Olympiad.

### **Biology**

**Grade 10**

**1 unit**

Biology is the study of life. We will investigate such fields of study as botany, anatomy, zoology, cytology, and genetics. Our goal is to discover the thoughts of the Creator through the ingenious structure and orderly function of His creation. Students will participate in labs that will help them apply their knowledge. Labs will include the dissection of a fetal pig, the extraction of DNA, and mastering a microscope. Grades will be based on test, projects, quizzes, reports and participation in Science Buddies.

### **Biology Honors**

Pre-requisites: At least an A- average in Physical Science

Teacher recommendation and parent-student agreement

Biology Honors students will be assigned to a team where they will participate in research and in depth study of an assigned topic. Students will prepare and design projects according to the Science Olympiad Guidelines. Students will be required to participate in Science Olympiad.

### **Chemistry**

**Grade 11**

**1 unit**

Chemistry is the branch of science that deals with the study of the composition, structure, and properties of matter and changes that matter undergoes. The class is designed to help students understand the practical application of these principles. Grades will be derived from test, quizzes labs and projects.

**Chemistry Honors****Grade 11****1 unit**

Pre-requisites: At least an A- average in Biology

Teacher recommendation and parent-student agreement

Chemistry Honors students will be assigned to a team where they will participate in research and in depth study of an assigned topic. Students will prepare and design projects according to the Science Olympiad Guidelines. Students will be required to participate in Science Olympiad.

**Physics Honors****Grade 12****1 unit**

Pre-requisites: Successful completion of chemistry

Teacher recommendation and parent-student agreement

Physics is the study of matter and energy; with the forms and interactions of matter, and with the changes of energy from one form to another. This includes mechanics, electronics, lasers, waves, thermodynamics, light, electricity, and magnetism. Physics is an active hands-on class where knowledge is applied in labs. Students will be placed on a team where they will participate in research and in depth study of an assigned topic. Students will prepare and design projects according to the Science Olympiad Guidelines. Students will be required to participate in Science Olympiad.

**Anatomy and Physiology****Grade 12****1 Unit**

Pre-requisites: Successful completion of Chemistry

This class would be offered online.

## **SOCIAL STUDIES DEPARTMENT**

### **Economics/Government**

**Grade 9**

**1 unit**

Economics - This program is designed to alert, inform and educate high school students in financial planning. Basic concepts of economics, business, marketing, consumer and family studies are taught. The goal of this class is to teach students how to remain debt free throughout their lives.

Government – This course will study our local and national government. Students will learn all aspects of government and how it functions.

### **Economics/Government Honors**

**Grade 9**

**1 unit**

Pre-requisites: At least an A- average in 8<sup>th</sup> grade History  
Teacher recommendation and parent-student agreement

Economics Honors students will analyze and evaluate the basic concepts of economics, business, marketing, consumer and family studies in greater detail.

Government Honors students will be responsible for studying our local and national government. Students will learn all aspects of government and how it functions, plus additional papers and projects.

### **World History**

**Grade 10**

**1 unit**

This course is designed to help students recognize and accept all the nations of God's family. Beginning with creation and moving into the present, students will look at all aspects of world history. Special projects, papers and tests are required.

### **World History Honors**

**Grade 10**

**1 unit**

Pre-requisites: At least an A- average in Economics/Gov.  
Teacher recommendation and parent-student agreement

In this advanced course, students will analyze and evaluate different civilizations throughout history. Outside reading, papers and project required.

### **United States History**

**Grade 11**

**1 unit**

This course is designed to educate the high school student in our countries foundations. Projects, papers and tests will be a part of this course. They will see how God's grace and mercy is weaved throughout history. Students will be able to compare issues of yesterday and today.

### **United States History Honors**

**Grade 11**

**1 unit**

Pre-requisites: At least an A- in World History  
Teacher recommendation and parent-student agreement

This is an advanced study of the political and social issues of the United States. This course covers the time period of the founding fathers to the present. Outside reading and term papers required.

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