**ENGLISH**

LITERATURE – 9th grade

Instructor: Kimmy Miller 1 English credit

Using a literary analysis program published by IEW called “Teaching the Classics”, students will gain an understanding of literature and develop the skills of literary analysis through reading great books, writing essays, and class discussion. The authors that are covered include: Daniel Defoe, Joseph Conrad, C.S. Lewis, Willa Cather, Shakespeare, and Oscar Wilde (among others).

LITERATURE – 10th grade

Instructor: Kimmy Miller 1 English credit

Using a literary analysis program published by IEW called “Teaching the Classics”, students will gain an understanding of a selection of classic British literature and will develop the skills of literary analysis through reading great books, writing essays, and class discussion. The authors that are covered include: John Milton, Geoffrey Chaucer, Shakespeare, Jane Austen, Charles Dickens, Emily Bronte, and Virginia Woolf (among others).

AMERICAN LITERATURE – 11th grade

Instructor: Amy Coffee 1 English credit

Using a literary analysis program published by IEW called “Teaching the Classics”, students will focus on close reading and analysis of American literature across genres. The literature for this class will cover works from Benjamin Franklin, Washington Irving, James Fenimore Cooper, Nathaniel Hawthorne, Mark Twain, Herman Melville, F. Scott Fitzgerald, Harper Lee, and Leif Enger, among others. The focus for this class is to prepare the students for research and analysis writing as well as strengthening their comprehension skills.

WORLD LITERATURE – 12th grade

Instructor: Jason Howell 1 English credit

Using a literary analysis program published by IEW called “Teaching the Classics”, students in this class will focus on advanced literary analysis across genres including biblical allusions and worldview analysis. The literature for this class will cover works from Sophocles, Homer, Virgil, Dante, and Shakespeare, Cervantes, Hugo, and Goethe. The writing focus of this class prepares students for college essays and research.

**SOCIAL STUDIES**

ANCIENT HISTORY – 9th grade

Instructor: Jason Howell 1 Social Studies credit

This course is an in-depth study of ancient history from Creation to Christ from a biblical worldview using *History Revealed* curriculum by Diana Waring. Ancient history will focus on examining the ancient civilizations and individuals through the lens of their respective worldviews and belief systems. Class discussions will encourage students to analyze the cultural, political, religious, and social consequences of the big ideas which shaped the world. Special attention will be given to primary sources and the great books.

EUROPEAN HISTORY – 10th grade

Instructor: Sarah Tinsley 1 Social Studies credit

European History is a chronological journey through civilizations, people, and events that shaped the modern world and western thought. The time period covered is between AD 30 and 1799. Some specific topics include: the Fall of Rome, the Rise of the Church, Byzantines, Muslims, Vikings, Holy Roman Empire, Crusades, Mongols, the Renaissance, and the Reformation. Using *History Revealed* curriculum by Diana Waring, students are taught to view and relate topics through exposure to the Christian worldview to gain an understanding of their own culture and the situation of humans in it.

MODERN HISTORY – 11th grade

Instructor: Amy Coffee 1 Social Studies credit

Modern History begins with the formation of modern Europe, beginning with the French Revolution, and will also cover American history, beginning with its colonial foundation. Using *History Revealed* curriculum by Diana Waring, the course will ultimately synthesize the two histories when America is drawn into the First World War, and as America and Europe continue the spread of Western and Christian culture into the world of today.

GOVERNMENT – 12th grade

Instructor: Jason Howell .5 Social Studies credit

This course is an in-depth study of the biblical view of government, a survey of classic political texts and various forms of government, an in-depth analysis of American government and the Constitution, and a biblical evaluation of ethical issues addresses in the political arena.

ECONOMICS – 12th grade

Instructor: Jason Howell .5 Social Studies credit

This course focuses on the biblical view of economics, a survey of classic political texts and various economic systems, and an in-depth analysis of free market capitalism and communism.

**MATHEMATICS**

ALGEBRA I

Instructor: Jamie Fisher 1 Math credit

This course provides students with a college-prep math course that will give them the foundation they need to successfully move into higher levels of math. *Saxon Algebra 1* 4th Edition covers all of the traditional first-year algebra topics while helping students build higher-order thinking skills, real-world application skills, reasoning, and an understanding of interconnecting math strands. Saxon Algebra 1 focuses on algebraic thinking through multiple representations, including verbal, numeric, symbolic, and graphical, while graphing calculator labs model mathematical situations. The class covers algebra foundations; functions and relations; equations; linear equations and functions; polynomials; rational expressions and functions; inequalities; systems of equations and inequalities; radical expressions and functions; quadratic equations and functions; absolute-value equations and inequalities; and probability and data analysis. Parents will be able to help their students with the solutions manual, which includes step-by-step solutions to each problem in the student book.

GEOMETRY

Instructor: Jamie Fisher 1 Math credit

Presented in the familiar Saxon approach of incremental development and continual review, keeping topics continually fresh in students' minds. *Saxon Geometry* features all the topics covered in a standard high school geometry course; covering triangle congruence, postulates and theorems, surface area and volume, two-column proofs, vector addition, and slopes and equations of lines. Two-tone illustrations help students really "see" the geometric concepts, while sidebars provide additional notes, hints, and topics to think about. Parents will be able to help their students with the solutions manual, which includes step-by-step solutions to each problem in the student book.

ALGEBRA II

Instructor: Jamie Fisher 1 Math credit

This course provides students with a college-prep Algebra II course that will allow them to progress onto even more difficult mathematical challenges. *Saxon Algebra 2* prepares students for calculus through explicit embedded geometry instruction. Trigonometry concepts, statistics, and applications for other subjects such as physics and chemistry are also included. The class covers number sense and foundations of algebra; linear functions; matrices; polynomials and polynomial functions; rational and radical functions; linear systems; probability and statistics; quadratic functions; trigonometry, exponential and logarithmic functions; conic sections; and sequences, series, and logic. Parents will be able to help their students with the solutions manual, which includes step-by-step solutions to each problem in the student book. \* This is a Hope Scholarship course of rigor.

ADVANCED MATH

Instructor: Anne Lupo 1 Math credit

This Advanced Math course is designed for the student who has completed Algebra I, Geometry, and Algebra II.  *PreCalculus: Larson* 9th Edition utilizes the disciplines of algebra, trigonometry, and geometry to prepare the student for college level mathematics, including Calculus (if desired). Two lessons are taught each week, and students will be required to complete homework (15-20 problems each day) during the week. Tests are taken at home and periodic quizzes are taken during the class time. \* This is a Hope Scholarship course of rigor.

Advanced Placement®CALCULUS

Instructor: Anne Lupo 1 Math credit

This AP Calculus course is designed for the student who has completed Advanced Math or Pre-Calculus. *Calculus: Graphing, Numerical, Algebraic* 4th Edition will cover Limits and Continuity, Derivatives, Applications of Derivatives, Integrals, and Applications of Integrals. Two – three lessons are taught each week, and students will be required to complete homework (15-20 problems each day) during the week. Periodically, hands on labs to demonstrate various topics. In May, the students will have the opportunity to take the AP test for college credit. This interdisciplinary class meets two times a week. \* This is a Hope Scholarship course of rigor.

STATISTICS

Instructor: Laura Breeding 1 Math credit

This course is a thorough introduction to Statistics and is required for many majors in higher education. Business, the medical field, social sciences, humanities, and even many disciplines of mathematics, science, and engineering will be encountering statistics in college. This introduction covers all the concepts of statistical analysis, from data collection and analysis through developing statistical thinking and the ability to spot errors. The student will learn statistical literacy through terminology, and how to solve problems with a wide variety of exercises. The TI-84 calculator will be a vital tool in this class. Prerequisite: Pre-Calculus – completed or currently enrolled \* This is a Hope Scholarship course of rigor.

**SCIENCE**

PHYSICAL SCIENCE

Instructor: Laura Alton 1 Science credit

This course is a general study of God’s created world through physical science. This course precedes high school biology. The basics of both physics and physical creation are taught through the of learning Newton’s Laws, Earth’s structure, weather patterns and many other fascinating topics. In-class laboratory experiments as well as at-home hands-on activities allow the student to explore God’s incredible design.

BIOLOGY

Instructor: Laura Alton 1 Science credit

Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. The goal is to provide students with a college-prep general biology course that will give them the foundation they need to successfully move into college biology. A weekly 90-minute lecture-discussion and hands on labs are taught each week. Weekly homework assignments are given for four days per week. Tests are taken at home and at school approximately every other week.

CHEMISTRY

Instructor: Karla Lail 1 Science credit

The goal is to provide students with a college-prep general chemistry course that will give them the foundation they need to successfully move into college chemistry. A weekly 90-minute lecture-discussion and hands on labs are taught each week. Weekly homework assignments are given for four days per week. Tests are taken at home and at school approximately every other week. This interdisciplinary class meets two times a week. One day, the class focuses on chemistry and the other day on math. \* This is a Hope Scholarship course of rigor.

PHYSICS & Advanced Placement® Physics

Instructor: Anne Lupo 1 Science credit

This college-prep physics course is designed for the student who has completed Algebra I and Geometry and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics. Heavily emphasizing vector analysis, this text is ideal preparation for a university-level physics course. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton’s laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism.  Hands- On Lab experiments will be conducted in class. This interdisciplinary class meets two times a week. \* This is a Hope Scholarship course of rigor.

CHEMISTRY II

Instructor: Karla Lail 1 Science credit

This course is designed to be taken after a college-preparatory chemistry course such as Exploring Creation with Chemistry. The prerequisite math is completion of Algebra 2. When both courses are completed, the student is prepared to take the AP (advanced placement) or CLEP (College Level Examination Program) chemistry exam. This course includes detailed discussions of stoichiometry (with limiting reactants), thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, orbital hybridization, molecular orbitals, molecular geometry, chemical equilibrium, and nuclear chemistry. The student also receives an introduction to organic chemistry, focusing on the major functional groups, organic nomenclature, and polymer chemistry. There are 28 hours of laboratory exercises in the course, including the rate of an iodine clock reaction, distillation, chromatography, the common ion effect, measuring pH changes in a buffer, the electrolysis of copper sulfate, polymerization experiments, and the hydrolysis of sucrose. \* This is a Hope Scholarship course of rigor.

CLASSICAL ASTRONOMY

Instructor: AnnMarie Brezinza .5 Science credit

Classical Astronomy is the traditional practice of observing the sky, to tell time and to navigate by the Sun, Moon and stars. Students will learn to follow the seasonal cycles of the celestial bodies, and to find the bright visible planets in the night sky - all from their own backyard. Discover the forgotten foundation of astronomy, as it had been practiced down through all human history, from the ancient Babylonians and Egyptians, the Greeks and Romans, through the classical Quadrivium, and up to the American Almanacks. Also discover the astronomical basis for keeping the Hebrew calendar, as described in the Bible, and the appointed purpose for the Sun, Moon and stars... for signs and seasons, and days and years. - Genesis 1:14

Dual Enroll ENVIRONMENTAL SCIENCE

Instructor: AnnMarie Brezinza .5 Science credit

Diversity of life, water resources, global climate change, cities and global environmental issues.... Being a Christian involves building an informed, ethical sense of responsibility. Students will explore and discuss a Christians environmental obligations. Scientists and biblical scholars have joined in discerning: "What does the Lord require of us?" Students will read and discuss informed essays from Christian teachers in a variety of fields, ranging from New Testament, Old Testament, Christian theology and ethics to geology, biology, atmospheric physics and environmental science. Biblical insight combined with scientific expertise will provide students with a deeper understanding and clear guidance on the most important environmental issues.

ANATOMY & PHYSIOLOGY

Instructor: Lynn Dunklin 1 Science credit

This college-preparatory advanced biology course will cover Human Anatomy and Physiology in 16 modules. Subjects will include tissue, skin and bones, muscles, nervous system, endocrine system, cardiovascular system, lymphatic system, digestive system, respiratory system, urinary system, reproductive system, and fetal development. Each module will be completed in two weeks, along with reading, comprehension questions, coloring assignments, and an extensive study guide. Most tests and quizzes will be conducted in class, along with labs. These labs will include many microscopic studies and three dissections. \* This is a Hope Scholarship course of rigor. This course is not offered 2017-18.

**FOREIGN LANGUAGE**

SPANISH I

Instructor: Millie DePena 1 Foreign Language credit

This course covers the basics of the Spanish language as spoken in Latin America. Students learn greetings, verb conjugations, basic vocabulary, pronunciation, and grammatical structures. They will also expand their horizons through the cultural/historical highlights and get a glimpse of the Spanish-speaking world as a mission field. Through study, students will develop a beginning reading and conversational ability, as well as an understanding and practical application of this language.

SPANISH II

Instructor: Millie DePena 1 Foreign Language credit

This course builds on the foundation of Spanish I. Students learn to communicate in everyday situations, such as in schools, restaurants, stores, hotels, doctor’s offices, banks, airports, and at sporting events. They learn key grammatical principles, Scripture passages that prepare them to share the gospel, and practice reading comprehension. The text features other Latin America countries and major cities in Spain not covered in Spanish 1. \* This is a Hope Scholarship course of rigor.

SPANISH III

Instructor: Millie DePena 1 Foreign Language credit

This course builds on the principles taught in Spanish 2 in order to develop speaking, reading, listening, and writing skills more fully. This course expands on key grammatical points including past tenses, perfect tenses, commands, and the subjunctive mood to be applied in their conversations. Students read selected literature to sharpen their comprehension skills. They memorize and recite Scripture passages to develop pronunciation skills and to prepare them to share the gospel with Spanish-speakers. \* This is a Hope Scholarship course of rigor.

FRENCH I

Instructor: 1 Foreign Language credit

Description: This course is an introduction to reading, writing, speaking and comprehending the French language. Students will be introduced to basic grammar and vocabulary. They will learn practical language skills such as greetings, asking and answering questions, ordering food, and traveling, using real life situations. French culture and French speaking countries will also be studied.

FRENCH II

Instructor: Anja Loutzenhiser 1 Foreign Language credit

Description: This course will review and build upon the foundation of vocabulary and linguistic structures studied in French I while increasing comprehension of oral and written French. New verb tenses and grammatical structures will be studied along with extensive practice to develop reading comprehension, writing, listening and conversational skills. French culture will be studied in greater depth. \* This is a Hope Scholarship course of rigor.

LATIN I

Instructor: Mary Cate Tinsley 1 Foreign Language credit

This course provides an introduction to the Latin language and Roman civilization. Attention is placed on grammar, culture, syntax and their parallels in the English language. Emphasis is placed on reading and writing Latin and the development of analytical thinking skills. Ancient Roman culture and civilization will also be studied.

LATIN II

Instructor: Mary Cate Tinsley 1 Foreign Language credit

This course enhances Level One skills, introduces more challenging grammar and syntax, and provides opportunities to translate more challenging passages. Latin II continues to emphasize the power and relevance of ancient Roman language and civilization and how it has influenced Western language, history, civilization, and the Romance languages. Latin history and literature will be studied in depth. \* This is a Hope Scholarship course of rigor.

GREEK I & II

Instructor: Jason Howell 1 Foreign Language credit

The study of Common Greek or Koine Greek serves as a foundation for the studies of the humanities, improve the student's grasp of the English language, and encourage the student to delve into a deeper understanding of the New Testament.

**ELECTIVES**

OLD TESTAMENT

Instructor:  Jason Howell                                                                                                                     1 Elective credit

Old Testament is an introduction and overview every book in the Old Testament. This course will place special emphasis on the message of each book of the Old Testament as well as the message of the Bible as a whole. Students will also learn to see Jesus Christ in the Old Testament.

NEW TESTAMENT

Instructor:  Jason Howell                                                                                                                     1 Elective credit

New Testament is an introduction and overview of every book in the New Testament. This course will place special emphasis on the message of each book of the New Testament as well as the message of the Bible as a whole. Students will also learn to see Jesus Christ as the fulfillment of the Old Testament as well as learn basic skills in biblical interpretation.

CHRISTIAN PHILOSOPHY

Instructor:  Jason Howell                                                                                                                        1 Elective credit

Christian Philosophy is an overview of the history of philosophical ideas, which will consist of studying the most significant thinkers and their writings in chronological order, as well as various worldviews. Students will learn to evaluate and critique philosophical ideas from a biblical worldview, and they will better understand how ideas have impacted each historical age and the thinking of modern man.

CHRISTIAN APOLOGETICS

Instructor:  Jason Howell                                                                                                            1 Elective credit

This course teaches students to understand and defend the Christian faith and teaches students to critically analyze various worldviews, world religions, and cults such as Atheism, Judaism, Islam Hinduism, Buddhism, Latter-Day Saints, and Jehovah's Witnesses. Emphasis will be placed on sharing the gospel of Jesus Christ with adherents of these philosophies and faiths.

SPEECH & RHETORIC

Instructor:  Jason Howell                                                                                                                        .5 Elective credit

Speech and Rhetoric is an introductory class that prepares students for various public speaking opportunities they will encounter. The art of listening, communicating, and persuasion are studied in a group setting. Students are evaluated by peers and by the teacher as they deliver and participate in informative and persuasive speeches. Speeches for a special occasion and an interview setting are also practiced. Part of the student’s grade includes class participation.

INTRODUCTORY LOGIC

Instructor:  Jason Howell                                                                                                            .5 Elective credit

This course provides students with a foundation for logical thinking. Logic is the science and art of reasoning well. Students reason as they draw conclusions from other information by means of logical arguments.  These skills are essential to successfully move into higher education and adult life.  A weekly 60-minute lecture-discussion is based on weekly homework assignments given for five days per week. Tests are taken at home and periodic quizzes are taken during the class time.

P.E.

Instructor: AnnMarie Brezina .5 Elective credit

A multi-sport concept is incorporated into this class using a combination of fitness, adventure recreation and competitive challenges. Students will explore outdoor adventure physical fitness pursuits to achieve higher levels of mental, emotional and physical wellness. Those elements include: surprise, engagement, challenge, risk taking, safety, and fun.  Fitness will be purposeful so as to accomplish the following through the course to increase students sense of personal confidence, and mutual support within a group. Students will be encouraged to develop an increased level of agility and physical condition, joy in one’s physical self and in being with others, and increased familiarity and identification with the natural world. Students will learn how to develop and execute a warm-up plan, wellness life plan with short term goals, and also practice presentation skills through presenting a sport of their choice to the rest of the class during the semester.

HEALTH

Instructor: AnnMarie Brezina .5 Elective credit

An interdisciplinary approach to learning critical health and wellness skills are taught in this course. Students will explore relevant situations where critical thinking skills will be applied towards solving health related scenarios. Students will learn to access relevant and up-to date health information as it relates to them personally and society and practice the art of healthy behaviors. At the end of the course students will have learned how to apply specific techniques for reducing and managing stress, and how to analyze the dynamic factors of families, media, peers, personal interests, and pressures that affect health decisions. They will interact between and among individuals to clarify ideas, thoughts, needs and feelings, and learn how to effectively communicate practicing different communication techniques to resolve conflicts. They will discover and explore find specific strategies for refusing to engage in risky behaviors as it relates to God's Word. Students will be asked to evaluate situations and assess what decision is most health-inducing. They will be taught how to set goals through planning and revising plans towards a specific outcome, and be encouraged to advocate for the benefit of making good health decisions for self and others.

CHORALE

Instructor: LeeAura Marcum .5 Elective credit

“Sing praises to the Lord, O you his saints, and give thanks to his holy name.” [Psalm 30:4](https://www.biblegateway.com/passage/?search=Psalm+30:4&version=ESV)In chorale at Coram Deo Classical School, we study the proper techniques of choral singing while preparing for at least one performance per semester.  The repertoire ranges from classical to multi-cultural to contemporary, but the pieces are chosen based upon lyrics that are honoring to God and His Word.  In the fall, we will prepare Christmas music.  The class is offered in alternate years with musical theater in the spring. Each semester, it is possible to earn ½ elective credit by logging 75 hours; OR, a student may take the class for fun.  Meets on Tuesday and/or Wednesday. Students in 8th grade and above must log 75 hours to receive .5 credit. Open to grades 5 – 12. Cost: $25.00 music fee.

MUSICAL THEATER

Instructor: LeeAura Marcum .5 Elective credit

Celebrating the artistic gifts God has given us, we offer musical theater every other spring.  Our goal is to stretch the right side of our brains and allow each student’s creativity to be further developed.  Shows are chosen based on content that is honoring to God (Cinderella, The Sound of Music).  Usually, there are workshops to prepare students for auditions (which occur before Christmas break); and all students are invited to participate.  Class meets Tuesday AND Wednesday, with extra rehearsals the week of the show.

YEARBOOK

Instructor: Cynthia Kinney .5 Elective credit

The purpose of this class is to complete the school yearbook for each year. The class will involve putting together a completed yearbook.   Uploading pictures, editing and creating each page as an individual and a group.    Meetings will be used to brainstorm and lay out plans for each page.   Individuals will work independently to create and edit their assigned pages.   All members will be responsible to take photographs throughout the entire year and upload them to the website for viewing by the group, as well as editing.  Webinars (instruction classes on line) will be required as needed for viewing each year.   Attendance to each meeting is also required, as well as having all pages completed by the deadlines given. Grades will be based on attendance, completed webinars and having all pages turned in on time. No class fees or tuition are collected for this class.

FANTASY LITERATURE

Instructors:  Jason Howell & Danielle Saba                                                                                               1 Elective credit

Have you ever been curious to learn more about the favorite fantasy worlds of Narnia and Middle Earth? Did you know that C.S. Lewis and J.R.R. Tolkien had a deep friendship that significantly impacted each other’s fiction? This elective class will give you the opportunity to delve into the fantasy of both Lewis and Tolkien, with the goal of broadening our understanding of how a Christian worldview influenced their writing and their friendship with each other. We will be reading all of *The Chronicles of Narnia* and *The Lord of the Rings*as our main texts, though there may be supplemental reading supplied by the instructors. There will be one main project that students will work on for the majority of both semesters along with a few writing assignments. As this is an elective course, the writing assignments will be significantly smaller than our normal literature courses.