

# San Antonio Christian High School

## Course Offerings

2019 - 2020

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## Introductory Information

### IMPORTANT NOTICE:

All courses listed in this course guide are subject to change without prior notice. Class offerings may change due to student interest or availability of qualified instructors. The number of sections offered per course listed will vary based on availability of space and instructors. The school will do its best to honor each student's course request, but a student's request may not be able to be met due to class size limits or course availability.

### Homework Load

The homework load identifier for each course is given to assist a student in planning their schedule. The identifier gives the amount of time an average student would spend each night on assigned out-of-class work to be completed independently by the student. The homework load is an **average** and should not be viewed as a restriction or requirement. Students should understand that at times certain major assignments may take additional time to complete while other nights may not require any out-of-class work.

Light = 15 minutes  
Moderate = 30 minutes  
Heavy = 45 minutes

### Prerequisites

Prior to enrollment, some courses require the foundation of a previous course and/or a level of accomplishment in a previous course. Such prerequisites are noted under the course titles. The listed prerequisites have been determined by each department and will be **strictly held to**, as these have been determined to be the minimum necessary standards for a student to experience success in the listed course.

College admission is listed as the prerequisite for Dual Credit courses as these classes require a student to complete the admission process and be accepted by the college offering the course credit. This process includes the college's application and admission's test prior to acceptance.

### Additional Fees

Some courses require an additional fee, which will be designated under the course heading. This additional fee covers material needed specifically for the course listed and includes, but is not limited to, additional supplies and books.

These fees must be paid by the end of the first full week of the course or a student will be withdrawn from the course.

### Abbreviations Identified

H = Honors  
AP = Advanced Placement  
DC = Dual Credit

### Course Credits Defined

Full Year Course = One (1) High School Credit  
Semester Course = One Half (.5) High School Credit  
Dual Credit = High school credit as listed above and possibly three (3) college credits per semester course. Verify with the University you plan to attend. Howard Payne will bill parents directly.

## Bible Department

San Antonio Christian High School is committed to the Bible as God's revealed Word. Therefore, our emphasis in the Bible curriculum is to teach our students to read and study the Bible for themselves. Our approach is inductive, raising the questions necessary to involve the learner in the text and to make valid conclusions from the reading. Our desire is that the reading and the study will lead each student into a greater appreciation of their heritage and walk with Christ. The Bible curriculum is designed to help the students develop a Christian worldview and an understanding of how Biblical principles apply to life today.

### Bible 9 - Synoptic & Johannine Gospels (Full Year)

**Course #481**

**Homework Load: Light**

This course considers the Life of Christ through the study of the four gospels, Matthew, Mark, Luke and John. This year's study establishes foundational truth that will impact all that students will encounter in Bible throughout their high school Bible classes. Students will explore God's Word discovering who Jesus is, what He did, why He came and how He transforms our lives. There may be an outside text or video resource used to amplify certain components of the course. Also included is a weekly exegetical study of Scripture, such as Ephesians and I & II Peter. Students will also learn ten life-applicable passages of Scripture by the end of the course.

### Bible 10 – Church History (Full Year)

**Course #483**

**Homework Load: Light**

This course will cover the history of the church from its conception in Acts through current day church manner. The course will be broken into the following four sections; The Early Church approx. 30 AD – 300 AD, The Age of Constantine and Catholicism approx. 300-1,200 AD, The Renaissance and Reformation approx. 1,200 AD – 1,600 AD, and The Expansion and Evangelism approx. 1,600 AD – 2,000 AD. This course will follow the changing theology of the church, the church government and growth, the challenges that altered the church, and the historic events and people that played key roles in the Christian movement.

### Bible 11 – Systematic Theology (Full Year)

**Course #484**

**Homework Load: Light**

This class focuses on helping students to grow in their understanding of the historic doctrines of the Christian faith. The goal is that they will embrace the Gospel which takes place through their own personal study rather than something that is merely passed down from one generation to another. Personal faith in The Lord Jesus Christ is the result of the study of Scriptures (Rom 10:17) and The Holy

Spirit moving upon each individual to embrace the gospel as their own. The Doctrines are studied systematically, i.e. Prolegomena, Bibliology, Theology & Theology Proper, Christology, Pneumatology, Anthropology, Hamartiology, Ecclesiology and Eschatology. In the end, each student should, in some measure, have a greater sense of the Sovereign purpose of God's eternal plan as well as an understanding of these doctrines that will give them the ability to "handle accurately the Word of truth" and enable them to have a confidence in the hope that is found in Jesus Christ alone.

### Bible 12 - Apologetics (Full Year)

**Course #485**

**Homework Load: Light**

Senior level Bible at SACS uses a curriculum in the first semester entitled *Understanding the Times* and in the second semester entitled *Understanding the Faith*. *Understanding the Times*, examines the six most prominent worldviews influencing the world today (Christianity, Islam, Secularism, Marxism, New Spirituality, and Postmodernism) and shows how their influence manifests in the key academic disciplines operating in America's institutions of higher learning today (Theology, Philosophy, Ethics, Biology, Psychology, Sociology, Law, Politics, Economics and History). *Understanding the Faith* is a survey of Christian apologetics, introducing students to the distinctive Christian worldview. This study focuses on apologetic issues and questions like what the Bible says about God, evidence of the supernatural, whether Christianity is anti-science, and why people do not believe. Designed as a two-semester course, this discussion-based series of curricula will introduce compelling and helpful ways of thinking about the world. We engage in discussions about how ideas become persuasive and how to identify patterns of ideas, so we can understand the world around us. Our belief is if we can help students master the world of ideas, they will be significantly less likely to be taken captive by false philosophies (Colossians 2:8) and significantly more likely to understand the times in which they live and know how to be responsible citizens, living out their faith unapologetically.

## English Department

English is the study and development of communication skills through reading, writing, speaking and listening. The proper development of these skills enables a student to move into any arena of life as a confident, articulate, truthful, and persuasive Christian.

The student will practice interpretation and exposition by reading, imitating and analyzing selected works of literature. The English courses will also enhance a student's ability to communicate effectively in written form through instruction in grammar, language, usage, mechanics and structure. Students will also learn to research, analyze, synthesize and organize information to communicate ideas and opinions.

### English 9 (Full Year)

Course #532

Homework Load: Moderate

In this course students will develop and expand the essential skills that they will need throughout the rest of their scholastic careers, most notably their critical thinking. This goal is achieved primarily through close reading of literary works, collaborative discussions of those works and analytical written responses to the themes identified in the texts. Additionally, students will expand their library research skills and will reinforce their vocabulary, spelling and grammar skills. Students will also practice their composition skills, beginning with simple paragraphs and culminating in a multi-page research paper. To give students the opportunity to develop literary analysis skills, they will read selections from an anthology text as well as *Romeo & Juliet*, *To Kill a Mockingbird*, *Frankenstein* and *Mythology*.

### English 9 Honors (Full Year)

Course #803

Homework Load: Heavy

Prerequisite: 93 average in English 8

This course will prepare students for the rigor of the AP English courses that will be available to them as upperclassmen. As such, this course will cover the same material as the standard course, but it will also include additional major works and additional writing assignments. Students will develop and expand the essential skills, but they will intensify their critical thinking and writing skills by working at a more advanced level of analysis. Additional major works will include *The Crucible*, *Fahrenheit 451*, and *Lord of the Flies*.

### English 10 (Full Year)

Course #534

Homework Load: Moderate

This course is a survey of world literature using a timeline approach. Grammar emphasis is a concentrated review of language usage, mechanics and structure. Students will write paragraphs and longer compositions of varying types to improve proficiency in critical thinking using MLA application and style. Finally, this course will challenge

students to examine world literature from various historical, theoretical, and practical perspectives. In addition to selections from an anthology text, major works will include *The Count of Monte Cristo*, *The Odyssey*, *Julius Caesar*, *Les Misérables*, *A Raisin in the Sun* and *Night*.

### English 10 Honors (Full Year)

Course #804

Homework Load: Heavy

Prerequisite: English 9 PreAP or 93 average in English 9

This course continues the preparation of students who will enter AP English courses. As such, this course will cover the same material as the standard course, but it will also include additional major works, and additional writing assignments. Students will continue to develop and to expand on the essential skills, but they will intensify their critical thinking and composition skills by working at increasingly more advanced levels of analysis. Additional major work: *Inferno*.

### English 11 (Full Year)

Course #536

Homework Load: Moderate

Junior English is a survey of American literature using a timeline approach. Students will explore the background, worldviews, and selective literary works of the major epochs of American literature. In addition to selections from an anthology text, major works will include *Narrative of the Life of Frederick Douglass*, *The Scarlet Letter*, *Huckleberry Finn*, *The Great Gatsby* and *The Crucible*. Students will also study grammar and composition skills so that they will move toward higher levels of writing proficiency, and they will learn new SAT words from a systematic college prep vocabulary program.

### English 11 DC (Full Year)

Course #805

Homework Load: Heavy

Prerequisite for Dual Credit: English 10 PreAP and College Admission through SACS Guidance Office  
Additional Fee: \$300 per semester for Dual Credit.

This course equips students to become skilled readers of prose and to become skilled writers for a variety of purposes and audiences. Students compose expository, analytical, and argumentative essays based on their readings, personal experience, and observation. Students also learn to access primary and secondary sources, to carefully synthesize material from these texts into their own writing, and to cite sources using an authoritative style manual. The major emphasis is writing and nonfiction, but students will also analyze *The Scarlet Letter*, *Huckleberry Finn*, and *The Great Gatsby*. In addition, students will read one student-selected novel and a nonfiction piece.

**Dual Credit:** SACS students may take the English 11 DC course as two dual credit courses through Howard Payne University (3 college hours per semester), this course also fulfills the requirements for English 1301 (the first freshman composition course) and English 1302 (the second freshman composition course).

## **English 12 (Full Year)**

**Course #538**

**Homework Load: Moderate**

Senior English is a survey of British literature using a timeline approach. Students will explore the historical context, philosophy and representative literature from each of the eight periods of British history. In addition to a core text anthology, major works include *Macbeth*, *Hamlet*, *Pride and Prejudice*, *A Tale of Two Cities*, *Mere Christianity* and *The Weight of Glory*. In addition, this final year of high school English draws on the accumulation of grammar and composition skills taught at previous levels. Throughout the year student writing will include papers of varying types to analyze literature, and the final major paper will be a position paper on a contemporary issue. Finally, students will complete a seven-year SAT-oriented vocabulary series.

## **English 12 DC (Full Year)**

**Course #806**

**Homework Load: Heavy**

**Prerequisite for Dual Credit: English 11 AP  
or English 1301 and English 1302**

**and College Admission through SACS Guidance Office**

**Additional Fee: \$300 per semester for Dual Credit**

This course covers much of the literature of the regular senior English, but it also meets the expectations of the college literature courses and the requirements of the National AP Board. The course focuses heavily on British literature, with specific attention given to analysis, writers' purposes, and resources of language. Because much of the study involves analysis and argumentation, extensive writing is a key component of this course. Major works include: *Moby Dick*, *How to Read Literature Like a Professor*, *Oedipus the King*, *Antigone*, *Beowulf*, *Dr. Faustus*, *Macbeth*, *Hamlet*, *Pride and Prejudice*, *Jane Eyre*, *A Tale of Two Cities*, *Heart of Darkness* and poetry selections from the Anglo-Saxon through Post-Modern periods.

**Dual Credit:** SACS students may take the English 12 DC course as two dual credit courses through Howard Payne University (3 college hours per semester), this course fulfills the requirements for British Literature I & World Literature I --English 2351 and English 2353. (Sometimes courses can be numbered differently; please check your university's course equivalency guide to confirm the English courses needed for your degree plan.)

## **Speech Communications (Offered both Semester)**

**Course #648 (SM1)/#649 (SM2)**

**Homework load: Light**

**Grade: 11 or 12**

This course is designed to provide the student with critical understanding and increased skill in formal public speaking. Students learn and practice skills in research, organization, delivery and criticism of speeches and the art of skillful communications.

## Mathematics Department

Mathematics is not only a study of numbers, patterns, and shapes, it is also a language that describes the order of the universe. Through Mathematics, students probe the nature of God by studying the purposeful order of the universe.

Mathematics reveals glimpses of God's nature (His orderliness, trustworthiness, omniscience, and omnipotence), while developing important character qualities such as patience, perseverance, resourcefulness, discernment, alertness, and creativity.

Through the study of mathematics, students begin to develop problem solving skills, analytical thinking skills, attention to detail, and a logical thought process that can aid them well beyond the math classroom. It encourages the development of sound reasoning techniques and rewards consistent work habits. Our Mathematics program is designed to stimulate a student's intellectual curiosity and give him/her exposure to the technology of today's mathematic processes.

### Algebra I (Full Year)

**Course #456**

**Homework Load: Moderate**

Algebra I, the first High School Mathematics course offered, is also the most important. Algebra I is the foundation on which all other collegiate Mathematics classes are built. Upon completion of this course, students will have acquired the skills they need to be successful in Physics, Chemistry, and the upper-level mathematics courses that follow. Students will also become excellent problem solvers.

The course will include, but not be limited to, the study of integers, relations, functions, solving one and two step linear equations, graphing linear and parabolic functions, solving quadratic equations, exponential properties, solving absolute value equations, polynomial factoring, Pythagorean theorem and simplifying radicals.

### Geometry (Full Year)

**Course #545**

**Homework Load: Moderate**

**Prerequisite: Algebra I**

The Geometry course develops an understanding of the Euclidean system of Geometry using postulates, theorems, proofs, and definitions. A study of Geometry will enhance the student's ability to solve problems of all types (mathematical and non-mathematical). This course will develop creative problem-solving skills, deductive reasoning, and visualization of spatial relationships. An understanding of basic Algebra I topics are required for success in this course.

Topics that will be covered in this course include, but are not limited to, points, lines, planes, angles and angle relationships, deduction and formal proof, parallel lines and planes, triangles, parallelograms and quadrilaterals, similar polygons, circles, area and volume of solids, constructions, probability and coordinate geometry. Right triangle trigonometry will also be introduced.

### Geometry Honors (Full Year)

**Course #807**

**Homework Load: Heavy**

**Prerequisite: 90 or above (unweighted) in Algebra I**

This course involves the same material as the Geometry course described above but in greater depth. Algebra I topics will also be more heavily involved in the work. This course focuses on preparation for AP courses in upper-level Mathematics.

### Algebra II (Full Year)

**Course #457**

**Homework Load: Moderate**

**Prerequisite: Algebra I and Geometry**

The Algebra II course builds upon concepts already learned while progressing to more advanced topics in Algebra. Topics studied include the following: real and complex numbers sets, linear equations/inequalities, systems of equations, matrices, relations and functions, quadratic and polynomial functions, rational expressions and functions, radical equations/inequalities, exponential/ logarithmic functions, regressions, conic sections and systems of non-linear equations, probability, trigonometric functions, word problem applications and graphing calculator applications for each concept learned. Significant elements of functions include parent graphs, domain and range, parameter changes, and applications problems. This course teaches logic and problem-solving skills with an emphasis on critical thinking skills. You will learn to collect data from real-life experiences, then organize and analyze the data in an algebraic manner.

### Algebra II Honors (Full Year)

**Course #808**

**Homework Load: Heavy**

**Prerequisite: 87 or above in Geometry PreAP or**

**93 or above in Geometry or**

**Geometry teacher recommendation**

This course involves the same material as the Algebra II course described above but at an accelerated pace and in much greater depth. Students are expected to combine the skills learned in class with critical thinking skills to formulate solutions. Additional topics may include: Sequences/Series and an introduction to Trigonometry. Additional projects may be required for evaluation. This course focuses on preparation for AP courses in upper-level Mathematics.

### Pre-College Algebra (Full Year)

**Course #1324**

**Homework Load: Moderate**

**Prerequisite: Algebra II and as determined by school administration and Department Head**

**Grade: 12**

Pre-College Algebra was created for High School Seniors to prepare them to take College Algebra after they graduate from high school. For most Seniors, this will be a third year of exposure to many topics from Algebra I and Algebra II.

This course will merge Algebra I and II concepts. Mastery of Algebra is the goal, since it is foundational to comprehension of all advanced mathematics as well as many fields of science, including Physics and Chemistry.

### **Statistics (Full Year)**

**Course #: 651**

**Homework Load: Moderate**

**Prerequisite: Algebra I, Geometry and Algebra II**

**Grade: 12**

Statistics are used every day to help us examine information and make inferences about large collections of people or items. This course is designed to provide a fundamental understanding of statistical concepts and to examine the methods and mathematics used in collecting, organizing, analyzing and interpreting data. The emphasis of this course is on the application of statistical concepts. Students will learn statistical definitions and explore data by interpreting graphical displays of data and by analyzing data for hidden patterns. They will explore the concepts of sampling, standard deviation, combinations / permutations, and probability. They will be introduced to probability distributions as models and the techniques for building and using such models to draw conclusions about data.

### **Pre-Calculus (Full Year)**

**Course #615**

**Homework Load: Moderate**

**Prerequisite: 87 or above in Algebra II or**

**Algebra II teacher recommendation**

**Department Recommendation: Students with a grade of 85 or above in Algebra II are encouraged to take Pre-Calculus**

Pre-Calculus builds upon students' knowledge of Algebra I, Algebra II, and Geometry to establish a foundation for Calculus. Pre-Calculus will continue to develop a student's strategic problem-solving skills and will provide a great preparation for SAT and ACT tests. Upon completion of this course, students will have a foundation to study Calculus. Topics covered will include, but are not limited to, linear and quadratic functions, polynomial functions, inequalities, inverse functions and their graphs, exponential and logarithmic equations, analytical geometry and conic sections, trigonometry and trigonometric equations, polar and complex coordinate systems, vectors, determinants, and parametric equations, matrices, and statistics.

### **Pre-Calculus Honors (Full Year)**

**Course #809**

**Homework Load: Heavy**

**Prerequisite: 87 or above in Algebra II PreAP or**

**93 or above in Algebra II or**

**Algebra II teacher recommendation**

This is a rigorous, accelerated course designed to prepare the serious student of mathematics for Calculus-AB AP. Topics covered include: a review of basic algebraic concepts; analysis of functions and techniques for graphing polynomial, rational, radical, algebraic, exponential, logarithmic, and trigonometric functions; trigonometric

identities; the formulation of algebraic proofs; conics and polar coordinates; matrix theory; vectors; and an introduction to limits and derivatives. Students are expected to synthesize data as well as participate actively in the development of these concepts.

Additional projects may be required for evaluation. This course focuses on preparation for Calculus-AB AP.

### **Calculus Honors (Full Year)**

**Course #499**

**Homework Load: Heavy**

**Prerequisite: Pre-Calculus PreAP or**

**87 or above in Pre-Calculus or**

**Pre-Calculus teacher recommendation**

Calculus will provide students an in-depth review of Algebra II, Geometry, and Pre-Calculus concepts. Furthermore, this course will provide a discussion of most topics covered in a first semester college Calculus course.

Calculus is a discipline in mathematics focused on limits, functions, derivatives, and integral. Calculus is the study of change, in the same way that geometry is the study of shape and algebra is the study of equations. It has widespread applications in science, economics, and engineering. It can solve many problems for which algebra alone is insufficient.

### **Calculus-AB AP (Full Year)**

**Course #498**

**Homework Load: Heavy**

**Prerequisite: 87 or above in Pre-Calculus PreAP or**

**93 or above in Pre-Calculus or**

**Pre-Calculus teacher recommendation**

**Additional Fee: \$150 plus cost of AP Exam**

Calculus-AB AP covers the material that a rigorous first semester college course in Calculus would be expected to cover. Students completing this course should take the Advanced Placement exam and attempt to receive 3 semester hours of college Calculus. For some (ex: Pre-med majors) this may be all the math required for their future training. For those progressing in their study of mathematics, they should be fully prepared to enroll in the second semester Calculus course at their college of attendance.

## History Department

History classes focus on the study of great ideas, people and events that have shaped cultures. The study of these ideas and events presumes the existence and intelligibility of truth, norms, and standards which are independent of cultural conditions. It is the student's task to develop tools of discernment by which to exercise sound judgment through the study of literary and historical works. The student will practice interpretation and exposition by reading, imitating, and analyzing the normative works of our culture. Through such historical/literary integration students are anchored in a worldview that enhances and illuminates their more specialized studies of math, science, art, foreign languages, and business.

### World History I (Foundations of our Modern World) (Full Year)

Course #669

Homework Load: Light/Moderate

Grade: 9

This course covers the foundations of the western world from the Ancient Mideast through the fall of the Byzantine empire.

Students will develop historical analysis tools and critical thinking skills to trace people, locations, events which have a significant impact on the theology, philosophy, and government of our modern world.

**Summer Reading:** All incoming freshman will be required to read the *Epic of Gilgamesh* over the summer.

Epic of Gilgamesh

ISBN-13: 978-0140441000

ISBN-10: 014044100X

### World History I Honors (Foundations of our Modern World) (Full Year)

Course #670

Homework Load: Moderate/Heavy

Grade: 9

Prerequisite: 95 average in 8<sup>th</sup> grade American History and 90 average in English

The honors level course covers the same time periods and regions as On-Level World History 1,

but requires students to utilize higher level analysis and synthesis skills for more frequent rigorous assignments.

In addition, more emphasis is placed on student-led discussion, research mastery, and project-based learning.

**Summer Reading:** All incoming freshman will be required to read the *Epic of Gilgamesh* over the summer.

Epic of Gilgamesh

ISBN-13: 978-0140441000

ISBN-10: 014044100X

### World History II (Modern Europe and the World) (Full Year)

Course #671

Homework Load: Moderate

Grade: 10

Prerequisite: Completed English 9

The first semester begins with The Renaissance & The Reformation in the 16<sup>th</sup> century and continues through the rise of nation states, the Enlightenment, the French Revolution, the Napoleonic Wars, the age of Romanticism, Nationalism and the 20<sup>th</sup> Century struggle for power between totalitarianism and democracy. Students will be introduced to examples of art, literature, philosophy, and music from the past 600 years. Analytical essays, research projects, class discussions, debates and oral presentations will be important elements of this course.

**Summer Reading:** *Dover Children's Classics Don*

*Quixote* by Miguel Cervantes ISBN 978-0-486-40791-3

### World History II Honors (Modern Europe and the World) (Full Year)

Course #672

Homework Load: Heavy

Grade: 10

Prerequisite: 90 average in 9<sup>th</sup> grade World History I Honors or 95 average in 9<sup>th</sup> grade World History I and 90 average in English 9 or English 9 PreAP

The first semester begins with The Renaissance & The Reformation in the 16<sup>th</sup> century and continues through the rise of nation states, the Enlightenment, the French Revolution, the Napoleonic Wars, the age of Romanticism, Nationalism and the 20<sup>th</sup> Century struggle for power between totalitarianism and democracy. Students will be introduced to examples of art, literature, philosophy, and music from the past 600 years. Analytical essays, research projects, class discussions, debates and oral presentations will be important elements of this course. At the end of the course the students may elect to sit for the AP European History Exam. The students will also be prepared to take honors dual credit United States History in their Junior year.

**Summer Reading:** *The Prince* by Niccolo Machiavelli (Publisher: Millennium Publications ISBN 978-1503379640

## United States History (Full Year)

Course #666

Homework Load: Moderate

Grade: 11

This course covers U.S. History from colonial America to present day. As students study our nation's story, they will clearly see God's hand in the foundation of the U.S. The goal of this course is to reaffirm this godly heritage and show students that success or failure of the American people is directly related to their adherence to Biblical principles.

**Summer Reading:** A summer reading list will be provided to all students entering US History.

## United States History DC (Full Year)

Course #810

Homework Load: Heavy

Grade: 11

Prerequisite: 90 average Pre AP English-10 or

90 average in English 10 and

90 average in World History II Honors or

94 average in World History II

Additional Fee: \$300 per semester for Dual Credit

Department Recommendation and College Admission through SACS Guidance Office.

Dual Credit U.S. History is a college level survey course that allows the student to earn college credit while still in high school. It is thus intended to be, and is structured as, a demanding and rigorous course of study that will demand the utmost from the student. The course covers the full spectrum of American history from the pre-Columbian era to today. Using chronological and thematic approaches to the material, the course exposes students to extensive primary and secondary sources and to the interpretations of various historians and scholars. Class participation through discussions, reports and other activities is required; special emphasis is placed on critical and analytical reading and essay writing to prepare students to earn 3 hours college credit per semester for US History 1301 and US History 1302. **Note: all students enrolled in this course will take the dual credit exam and will be prepared to take the AP Test during the spring semester if they choose.**

**Summer Reading:** A summer reading list will be provided to all students entering US History.

## U.S. Government & Politics (Fall Semester)

Course #547

Homework Load: Moderate

Grade: 12

This course examines the foundation, structure and function of the government in America. It is designed to deepen awareness of current issues and relate world, economic and political events to classroom study. The course enables students to recognize the Christian world view in all cultural, political and economic events and to engage students with issues that affect their lives. Students will use social studies skills to develop and defend opinions about the key political issues that face the nation.

**Summer Reading:** A summer reading list will be provided to all students entering Government.

## US Government & Politics DC (Fall Semester)

Course #811

Homework Load: Heavy

Grade 12

Prerequisite: 90 average AP English 11 or

90 average in English 11 and

94 average in US History AP/DC or

94 average in US History

Additional Fee: \$300 per semester for Dual Credit

Department Recommendation College Admission through SACS Guidance Office.

Dual Credit US Government & Politics enables students to dissect the American government to understand the relationship among its three branches. Students analyze government systems, federalism and capitalism, the separation of powers, the Bill of Rights and the Constitution. Students examine various political beliefs and behaviors, political parties, mass media, institutions of government and civil rights. They learn facts and concepts and practice historical and analytical skills, including chronological and spatial thinking, historical research and interpretation. Upon successful completion of this course students will earn 3 college credits for GOVT 2305.

**\*\*Note: all students enrolled in this course will take the dual credit exam and will be prepared to take the AP Test during the spring semester if they choose.**

**Summer Reading:** A summer reading list will be provided to all students entering Government.

## Economics (Spring Semester)

Course #526

Homework Load: Moderate

Grade: 12

This course will give students a greater understanding of economics ranging from the view point of the individual consumer or business owners to the global economy. The course will study the law of supply and demand, forms of business, economic systems, government finances and influence on the economy, money, prices, and inflation and deflation cycles. Students will engage in economic simulations as well as personal finance such as creating a budget, basic investing and savings and retirement planning. This course relates history and politics to the study of economics.

**Summer Reading:** A summer reading list will be provided to all students entering Economics.

## **Economics Honors** (Spring Semester)

**Course #527**

**Homework Load: Heavy**

**Grade: 12**

**Prerequisite: English 11 AP or**

**90 average in English 11**

**94 average in US History**

This honors level course will cover all the material as the regular Economics course but requires students to utilize higher order thinking skills such as analysis and synthesis while completing more rigorous assignments. In addition, more emphasis is placed on research mastery and project-based learning. All students enrolled in the honors course will be required to read the on-level book selected as well as one from the honors reading list.

**Summer Reading: All students enrolled in the honors course will be required to read the on-level book requirement as well as one from the honors reading list.**

## Science Department

Science is the study of the natural world and the things that affect it. It involves organic and inorganic matter, how they are put together and function. Through its study, students sharpen their thinking process and learn how to reason logically and deductively. Science helps the student to be careful in observing the world around them and to be thorough in their analysis. Science illuminates the creative majesty of God. As one studies science, they become more aware of the magnificence of the creation and the Creator.

### Biology (Full Year)

Course #493

Homework Load: Light to Moderate

Grade 9

In this course, students will study the science of living things from a Biblical approach, interpreting scientific information in light of God's Word. This is a survey course, including the topics of: the scientific method, chemistry of life, cells and cellular processes, genetics, creation vs. evolution theory, classification of organisms, and ecology as well as an introduction to human anatomy and physiology as time allows.

### Biology Honors (Full Year)

Course #812

Homework Load: Moderate

Grade 9

Prerequisite: 90 average in previous years' math and science courses.

Biology PreAP is a course designed for those students who have an interest in biology and desire more of a challenge. Biology PreAP will cover the same material included in Biology but in greater breadth and depth.

### Chemistry (Full Year)

Course #508

Homework Load: Moderate

Grade 10

Chemistry is the prerequisite course for any upper classman sciences as it is the foundation for scientific data analysis and chemical composition of all matter. The four course objectives are: to demonstrate that God's nature and His Word are reinforced by a proper understanding of chemistry; develop an understanding of the basic concepts and principles of chemistry; learn basic laboratory techniques that are used in chemistry; and to know how to analyze results obtained during a lab investigation.

### Chemistry Honors (Full Year)

Course #507

Homework Load: Heavy

Grade 10

Prerequisite: Completed Algebra II with a 90 average

Completed Geometry with a 90 average and are signed up for Algebra II also must have Department Head approval

Honors Chemistry covers all the topics covered in a regular Chemistry plus some. The course is a more in-depth study of chemical processes with a greater emphasis on mathematical analysis of data in lab. Thus, students considering taking this course should be solid math students who are not intimidated by word problems. Students completing this course will be fully prepared to take a rigorous college chemistry course. If you are considering majoring in science or medicine, strong consideration should be given to taking Honors Chemistry.

### Physics I (Full Year)

Course #613

Homework Load: Moderate

Grade: 11

Prerequisites: Biology (on-level or PreAP), Chemistry (on-level or PreAP)

In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and electricity and magnetism. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, work collaboratively with colleagues, and develop critical thinking skills that enhance the way they see the physical world God has created for us.

### Physics I Honors (Full Year)

Course #797

Homework Load: Moderate

Grade: 11

Prerequisites: PreAP Biology or 90 average in Biology and Honors Chemistry or 90 average in Chemistry

Honors Physics covers all the topics covered in a regular Physics course plus some. The course is a more in-depth study of laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and electricity and magnetism with a greater emphasis on mathematical analysis of data in lab. Thus, students considering taking this course should be solid math students who are not intimidated by word problems. Students completing this course will be fully prepared to take a rigorous college physics course. If you are considering majoring in engineering, architecture or physics, strong consideration should be given to taking Honors Physics.

## **Environmental Science (Full Year)**

**Course #798**

**Homework Load: Moderate**

**Grade: 12**

**Prerequisite: Biology, Physics and Chemistry**

Environmental Science is an integrated lecture and laboratory course involving the study of the physical and biological systems of the Earth, their complex connections and patterns, and human interactions with the environment. This course will survey some of the many environmental science topics at an introductory level, ultimately considering the sustainability of human activities on the planet.

The weather, plants, and animals are all part of the environment God created on the earth. He is not just a powerful figure in the world, God is the creator of the world. He brought it into existence with all of its interconnected processes, animate and inanimate. There are Bible verses that speak of every part of the environment honoring God and operating according to his plan. Yet, there are also many other scripture verses that remind us that God not only created the Earth, but also calls on us to protect it.

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

## **Human Anatomy and Physiology (Full Year)**

**Course #557**

**Homework Load: Moderate**

**Grade: 12**

**Prerequisite: Biology and Chemistry**

This is an advanced science course for those students who have successfully completed Biology and Chemistry. Completion of this course will provide students with a fundamental understanding of the structure and life processes of the human body. As an advanced biology course, students will be called upon to utilize much of the material they learned in Biology. During the first quarter students will cover an introduction to Anatomy, Chemistry, Cytology, Biotechnology, and Histology. During the second quarter, topics include the integumentary, skeletal, muscular, and nervous systems, as well as psychoactive drugs. The third quarter topics include the nervous system, senses, endocrine, digestive, respiratory, and cardiovascular systems as well as phlebotomy and organ dissections. The last quarter will cover the lymphatic/immune systems, urinary and reproductive systems and whole animal dissections. Related fields of study, including biochemistry and forensics, will also be discussed. This course is primarily intended for students who have some interest in health or medical careers.

**In class dissections are required, with no alternative assignment options available.**

## **Biology AP (Full Year)**

**Course #492**

**Homework Load: Heavy**

**Grade: 12**

**Prerequisite: Chemistry Honors or 90 average in Chemistry and 90 average in Algebra II or department head recommendation**

**All students are required to attend one of the lunch information meetings prior to choosing this course and provide parent contact information for parent approval.**

**\*Additional Fee: \$150 plus cost of AP Exam**

**\*\*Requirement: All students must complete summer project prior to first day of school**

Biology AP is the equivalent of a two-semester college introductory Biology course. Students taking this course will be prepared to take the AP Biology exam, which has the possibility of enabling students to receive 8 hours of College Biology credit. The course is designed to develop advanced inquiry and reasoning skills through laboratory investigation of the 4 Big Ideas as laid out by the College Board AP Biology course framework. The course will cover the mechanisms of biological systems to maintain homeostasis (such as organization, energy capture and storage, etc.), how living systems manage and transmit information essential for life processes, the complexity of the interactions biological systems, and evolutionary theory and diversity. While the current opinions concerning evolution and evolutionary theory expected of an AP Biology class will be covered, students will also be given the counter evidences to this teaching with an emphasis on Apologetics and Biblical creation. Students are **REQUIRED** to complete a summer assignment prior to school beginning in preparation for the course; failure to do so will result in a schedule change to another course. The summer assignment can be found online or is available in the guidance counseling office.

## **Physics 1 AP (Full Year)**

**Course #612**

**Homework Load: Heavy**

**Grade: 12**

**Prerequisites:** Physics I Honors or 85 in Physics I Chemistry Honors or 90 average in Chemistry and 90 average in Algebra II. Seniors enrolled in Pre-Calculus or Pre-Calculus PreAP with math teacher's recommendation may be admitted.

**\*Additional Fee: \$150 plus cost of AP Exam**

**\*\*Requirement: All students must complete summer project prior to the first day of school.**

Physics 1 AP is a second-year, algebra-based, introductory college-level physics course that explores topics such as kinematics, dynamic, rotational motion; work, energy, and power; mechanical waves and sound; thermodynamics; electricity and magnetism; with an introduction to modern physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Physics 1 AP prepares students for the AP Physics 1 exam which they will be expected to take. Laboratory experiences make up at least 25% of the instructional time and are the framework within which students can expect to study the key concepts. It is expected that students will study much of the material on an independent basis. Highly motivated students anticipating a college major in physics, computer science, architecture or engineering are strongly encouraged to take this course. Students are **REQUIRED** to complete a summer assignment prior to school beginning in preparation for the course; failure to do so will result in a schedule change to another course. The summer assignment can be found online or is available in the guidance counseling office.

## Foreign Language Department

God is a communicator. In fact, He calls His Son the Word. The study of a foreign language and culture broadens the student's comprehension of the diversity of God's creation and deepens the appreciation of God as the Master Communicator.

Foreign language is the study of another people's language and culture. Through study, the student obtains proficiency in speaking a new language conversationally and begins to understand a different culture. The process of learning a new language enriches the student's English vocabulary. In today's world, knowledge of another language is a great asset in obtaining a job in many highly competitive fields.

### Latin I (Full Year)

Course #568

Homework Load: Light to Moderate

Latin I introduces students to the language by reading stories about a Roman family who lived in 80 AD. Students will learn grammar, vocabulary and English derivatives. Every chapter also includes a lesson on Roman culture, which include the topics of Roman food, dress, education and entertainment. It brings the New Testament to life, since the Latin textbook focuses on first-century Rome.

Learning Latin has been proven to increase both SAT and ACT scores. All students will take the National Latin Examination in March and will have the opportunity to compete in academic and art contests at the local and state Latin convention.

### Latin II (Full Year)

Course #569

Homework Load: Moderate

Prerequisite: Latin I

In Latin II, students will continue reading stories about a first-century Roman family. Students will learn grammar, vocabulary, and English derivatives. Students will also learn about Roman history and culture, including the topics of architecture and entertainment, such as the Colosseum and gladiators. The class will look at Rome through a Christian perspective and will make comparisons between the Bible and Roman beliefs. It brings the New Testament to life, since the Latin textbook focus on first-century Rome.

Learning Latin has been proven to increase both SAT and ACT scores. All students will take the National Latin Examination in March and will have the opportunity to compete in academic and art contests at the local and state Latin convention.

### Latin III Honors (Full Year)

Course #570

Homework Load: Moderate

Prerequisite: 90 average in Latin II

In Latin III, students will begin reading authentic Latin literature including the great works of Julius Caesar, Cicero, Vergil, Horace, and Ovid. The students will increase their Latin vocabularies and reinforce their mastery of grammar and derivatives. Cultural topics will reinforce the readings and will discuss Roman homes and palaces, Roman law and government, and Roman emperors.

All students will take the National Latin Examination in March and will have the opportunity to compete in academic and art contests at the local and state Latin convention.

### Latin IV Honors (Full Year)

Course #688

Homework Load: Moderate to Heavy

Prerequisite: Latin III Honors

Students in the fourth year of Latin will read longer, more advanced excerpts from the great works of Vergil, Caesar, Ovid, Horace, and Catullus, et al. The historical and cultural context of each author will be highlighted. Students will read the *Aeneid* in both English and Latin, as well as the *Gallic Wars*. In addition, students will read Latin poetry and learn how to analyze the structure and meaning of poems. There is a heavy emphasis on translation and vocabulary.

### Spanish I (Full Year)

Course #636

Homework Load: Light to Moderate

This course will emphasize the beginning development of basic speaking, reading, writing and comprehension skills. The students will study the present tense, the preterit tense and the present progressive tense.

The Spanish I student will learn to communicate in Spanish on a basic level through vocabulary and grammar study, reading, writing, and speaking. The students will learn about the Spanish speaking countries and their customs and expressions. The students will be able to carry on simple conversations and will be able to write simple sentences with correct sentence structure.

## **Spanish II (Full Year)**

**Course #637**

**Homework Load: Moderate**

**Prerequisite: Spanish I or score of 75 or above on the Spanish I placement test.**

Spanish II is a secondary study of Spanish with emphasis on developing more intermediate level speaking, reading, writing and comprehension skills. The students study all the major verb tenses during this year of study and should be able to carry on simple conversations.

The Spanish II student will strengthen skills gained during the first year by acquiring and using new vocabulary and grammar. He/she will become familiar with the major verb tenses and be able to recognize them and use them in communication. The students will learn more about the Spanish speaking countries and their customs and expressions. The students will be able to carry on more complex conversations and will be able to write more challenging sentences with correct sentence structure.

## **Spanish III (Full Year)**

**Course #638**

**Homework Load: Moderate to Heavy**

**Prerequisite: Spanish II or score of 75 or above on the Spanish II placement test.**

This course is the sequential third level of Spanish language study emphasizing more advanced grammar usage in speaking, reading and writing as well as comprehension of historical and literary works.

The student will increase his/her usage of new vocabulary and advanced grammar, practice more complicated written and verbal communication, and grasp an understanding of the unique cultures in the Spanish speaking world through cultural and literary study.

## **Spanish III Honors (Full Year)**

**Course #639**

**Homework Load: Heavy**

**Prerequisite: 93 average in Spanish II**

This course is the sequential third level of Spanish language study emphasizing more advanced grammar usage in speaking, reading and writing as well as comprehension of historical and literary works.

The student will increase his/her usage of new vocabulary and advanced grammar, practice written and verbal communication, grasp an understanding of the unique cultures in the Spanish speaking world through reading literary works, student presentations, and writing projects.

## **Spanish IV Honors (Full Year)**

**Course #802**

**Homework Load: Heavy**

**Prerequisite: 87 average in Spanish III Honors or 93 average in Spanish III**

Students will use genuine Spanish materials to deepen their understanding of cultures in which Spanish is spoken. They will participate in conversations and debates to further their speaking abilities. They will practice a variety of writing styles to develop interpersonal and professional communication. While doing these things, they will fine-tune their communication skills in grammar, idioms, and vocabulary.

## Fine Arts Department

The Fine Arts Department's role is to develop the capabilities, ideas, skill, and creativity of each student through the study of the visual and performing arts, as well as to enrich their lives. Through this process, the student gains an understanding of a creative God, an appreciation for His creation, and a cultivation of the skills necessary for self-expression and communication.

In addition, students will build a skill set for the development of visual and performing evaluation and discernment which enhances personal development, aptitude for critical analysis and cognitive growth.

The study of the Fine Arts nurtures a knowledge of the purpose of creation, the commanding beauty of God's intelligent and intentional design and develops individual strengths enabling them to excel in a competitive academic, creative and business world.

National Art Honor Society selection signifies that through the student's effort, attitude, and sense of dedication in the field of art they have consistently demonstrated the highest qualities in the areas of creativity, scholarship, character, and service. To be eligible for consideration students must complete a minimum of 2.0 credits of visual art courses with a grade of 90 or above, participate in a minimum of one art competition, and dedicate time in service of a visual arts service project each year. Leadership positions within NAHS are sought through application and selected by Fine Arts Instructors based on merit, proven leadership, and dedication to the field.

## Performing Arts

### Band (Full Year)

Course #474

Homework Load: Moderate

Additional Fee: \$150

Grades 9-12

Prerequisite: Two years of middle school band or audition

Band is the study of music through the exploration of the woodwind, brass, and percussion instruments! Develop both technique and musicianship through marching band, formal concerts, and extracurricular events. Gain additional experience in applying musical and physiological principles as you practice drill and methods in a large ensemble.

### Jazz Band (Full Year)

Course #558

Homework Load: Light

Grades 9-12

Prerequisite: Two years of middle school band or audition

Additional Fee: \$150

Learn more about jazz music through the exploration of woodwind, brass, and percussion instruments. Develop your technique and musicianship through jazz literature, theory, group performance, formal concerts, and extracurricular events.

### Praise Band (Full Year/.5 Credit)

Course #614

Homework Load: Light

Grades 10-12

Prerequisite: Audition required

Praise Band is an opportunity to serve as an ensemble of voices and instruments leading worship during chapel and occasionally at other events. We will learn how to create a song set, run a rehearsal and the spiritual aspects of leading others in worship. Practices will be held on Wednesday afternoons after school till about 4:00pm. Students will receive credit and a "P" will be recorded on the transcript. No numerical grade or letter grade will be given, and the grade will not be calculated in the student's GPA.

### Choir

Course #509

Homework Load: Light

Grades 9-12

### Fall Semester: Show Choir (.5 Credit)

Do you love to sing? Join our Show Choir for the Fall semester and learn songs from all musical styles. We will work on blending our voices as a group, musical theory and strengthening our performance skills in our Fall mini concert. We will also go into the community during the Christmas season and spread the news of our Savior to those in nursing homes and/or Hospitals by caroling. Practices will be held before and after school during the Fall Semester. Students will receive a credit and a "P" will be recorded on the transcript. No numerical or letter grade will be given, and the grade will not be tabulated in the student's GPA.

### Spring Semester: Performance Choir (.5 Credit)

Course #801

Homework Load: Light

Grades 9-12

Audition Required

If chosen to be a part of our High School Spring Musical, this semester will be used to learn the musical selections of the play. Practices will be held after school up until the performances in April. Students will receive a credit and a "P" will be recorded on the transcript. No numerical or letter grade will be given, and the grade will not be calculated in the student's GPA.

**\*\*Students that receives a theatre credit for this semester will not be eligible to receive a choir credit in the same semester.**

## Technical Theatre I (Full year)

Course #658

Homework load: Light

Grades 9-12

Explore your interest in the theatre and gain insight into the production, design, and construction side of the performing arts. Cultivate new skills in beginning stage craft techniques and learn how to execute a director's vision through costume, set, and lighting design. Then, put this knowledge into practice on MainStage productions!

## Technical Theatre II (Full year)

Course #659

Homework load: Light

Prerequisite: Technical Theatre I and

Approval of Instructor

Grades: 10-12

Build on the skills and knowledge gained in Technical Theatre I and help take scripts from paper to production! Become the stage crew for MainStage productions, and serve as advertisers, producers, stage managers, and set builders.

## Theatre Arts I (Full year)

Course #660

Homework load: Light

Grades 9-12

Learn stage terminology, play structure, history of theatre, as well as vocal and movement training as an actor in Theatre Arts I! Plus, gain a deeper understanding of the technical aspects of theatre including but not limited to; props, costumes, hair and makeup.

## Theatre Arts II (Full year)

Course #661

Homework load: Light

Prerequisite: Theatre Arts I and

Approval of Instructor Required

Grade: 10-12

Build upon the foundational aspects of theatrical production learned in Theatre Arts I and grow your appreciation of the theatre as you learn more about acting, production, and theatre aesthetics.

## Visual Arts

### Art I: Intro to Art and Media-2D and 3D

(Full Year)

Course #468

Homework Load: Light

Prerequisite: NONE

Additional Fee: \$100

Come and explore a lifelong interest or a new-found curiosity in the visual arts! Begin your artistic pursuits here as you learn more about the history of art and different avenues of art expression. Create art applying the elements of art and principles of design in a positive, nurturing, and fun environment. Learn how to use a variety of art making materials and processes that include but are not limited to drawing, painting, sculpting, printmaking, and installation art. Put your creativity to practice as you learn about creating three-dimensional art. Explore your interests in a positive and structured environment as you use materials like metal, clay, wood, paper and more! Enjoy learning more about different theories of art and design and explore symbolism, metaphor, and iconography as you refine your craftsmanship skills.

### Art II: Intermediate Art (Full Year)

Course #469

Homework Load: Light

Prerequisite: Art I

Additional Fee: \$100

The Intermediate Art - Art 2 course is designed to challenge and build the students' prior experiences with the many different forms of art media, artists, art movements and art history. This course will help students develop more advanced knowledge and skill for multiple art techniques, methods and media. It will give the students a deeper understanding and appreciation for each form of art. The students will be able to demonstrate their own creativity as well as follow specific guidelines set forth for certain projects to represent "real world" applications of art. At the end of the semester, students will be able to use techniques, methods and vocabulary they learned on their own.

### Architecture/Interior Design (Full Year)

Course #813

Prerequisite: Art I

Homework load: Moderate

Additional Fee: \$100

Skills learned in Art I, including but not limited to perspective and drawing are enhanced while focusing on Architectural Design and history. Each student should show interest in architecture school or similar career paths such as Interior Design. Students must show proper care of architectural tools, initiative, and good work habits.

## Art Portfolio Honors I & II (Offered both Semesters)

Course #471 (Hon I)/#472 (Hon II)

Homework Load: Moderate

Prerequisite: Minimum of 2.0 credits in Visual Arts and Instructor Permission Required

Additional Fee: \$60

Develop your portfolio and expand your skills in creating professional quality pieces of art. Create a minimum of 1 competition piece for each semester: Rodeo Art in the fall and VASE or TAPPS in the spring. Pursue your medium of choice (drawing, painting, sculpting, ceramics, print-making, mixed media, or fiber arts) and learn techniques that will amplify the quality of your artwork. Plus, enjoy a curriculum that encourages active participation in the art scene of San Antonio!

## Drawing I (Semester Class - Fall)

Course #523

Homework Load: Light

Prerequisite: Art I

Additional Fee: \$60

Have you always enjoyed drawing? Come and learn that anyone can draw with instruction and practice! Develop the skills necessary to produce accurate, and life-like images from observation, photography, and imagination. Create representations of still life pieces, portraiture, landscape, and architecture. This course focuses on creating charcoal, Conte crayon, and graphite drawings in the fall and chalk pastel, Prisma color, and oil pastel drawings in the spring!

## Drawing II: Drawing (Semester Class - Spring)

Course #524

Homework Load: Light

Prerequisite: Art I and Drawing I

Additional Fee: \$60

Drawing II provides students who have successfully completed Art I as well as Drawing I, an opportunity to further develop their drawing skills using high level thinking processes and techniques. Contour, gesture, pen and ink, pastels, mixed media, value, and perspective techniques will be studied. More challenging media, study of contemporary and ancient art, and world cultures will inspire students and help them develop an individual drawing style.

## Painting I (Semester Class - Fall)

Course #595

Homework Load: Moderate

Prerequisite: Art I

Additional Fee: \$60

Learn the basics of painting with a multitude of medias within a nurturing environment. Focus on creating paintings with accuracy, dimension/space, value, and vibrancy and composition as you work with an array of topics including rodeo, still life objects, portraits, and landscapes. Gain a strong knowledge of color theory as you begin painting color filled with light.

## Painting II (Semester Class - Spring)

Course #596

Homework Load: Moderate

Prerequisite: Art I and Painting I

Additional Fee: \$60

This course is a continuation of Painting I that covers basic painting techniques with an emphasis on mixed media and acrylic. Topics include VASE (the Visual Arts Scholastic Event) portrait, still life, and landscape. Learn more about creating exciting composition and brushwork. Apply your interests as you learn to communicate mood, metaphor and symbolism.

## Painting III: Advanced Painting Honors

(Offered both Semester)

Course #597

Homework Load: Moderate

Prerequisite: Art I and Painting I and II

Additional Fee: \$60

Focus your creativity on producing paintings that extend your personal painting skills and hone your personal artistic voice. This is an advanced course addressing matters in the areas of still-life, portrait, landscape and abstraction using acrylics, watercolors and oil paints. Students will focus on creative problem solving and personal expression.

## Ceramics I (Semester Class - Fall)

Course #500

Homework Load: Light

Prerequisite: Art I

Additional Fee: \$60

Come and enjoy the clay process as you learn methods of hand-building and wheel thrown pottery. Students will learn various sculptural techniques and create both sculptural pieces and functional vessels. Study glazing and glazing methods to enhance the outcome of your clay art piece

## Ceramics II (Semester Class - Spring)

Course #683

Homework Load: Light

Prerequisite: Art 1 and Ceramics I

Additional Fee: \$60

This class focuses on refining skill acquired from Ceramics I, while adding the element of sculpting. Emphasis is on form, surface and craftsmanship.

## Sculpture I (Semester Class - Fall)

Course #799

Homework Load: Light

Prerequisite: Art I

Additional Fee: \$60

This course explores various materials used in sculpture. Students will create 3-dimensional works of art while learning how to manipulate materials, how to use tools safely, and how to evaluate sculptural pieces.

## Sculpture II (Semester Class - Spring)

Course #800

Homework Load: Light

Prerequisite: Art I

Additional Fee: \$60

This course is a continuation of Sculpture I. Students will continue exploring various materials used in sculpture. Students will create 3-dimensional works of art while learning how to manipulate materials, how to use tools safely, and how to evaluate sculptural pieces.

## Graphic Arts (Full Year)

Course #549

Homework Load: Light

Additional Fee: \$110 to include an online tutorial fee to Lynda.com

Interested in new technologies, media, and graphic design? Learn how to enhance images, draw digitally, create web pages, 2D animation, and special effects for video! Focus includes foundational instruction for creating simple and complex digital graphics using the Adobe Creative Suite.

**Graphic Art with Photoshop:** Enhance and manipulate images and design compositions for both print and web publishing. Showcase your talents in poster design for events throughout the year.

**Graphic Art with Illustrator:** Create and manipulate vector images and designs. Learn how to design logos and icons for personal interest projects as well as for events and groups on campus throughout the year!

**2D Animation:** Create simple and complex 2D animations in this fun application of using Adobe Flash! Opportunities for students interested in programming take form in learning ActionScript Programming.

## Graphic Arts IS (Independent Study-Honors)

(Offered both Semesters)

Course #684

Homework Load: Light

Prerequisite: Graphic Arts with a grade of 90 or above  
And Instructor Permission Required

Additional Fee: Approximately \$60 per Semester

Are you a student interested in specializing in Graphic Arts? Further your development as a young designer while specializing in an application of choice in this independent study course. Use your time to take the lead on creating interface for campus projects and build your resume by submitting works to art competitions!

## Digital Arts I – 3D Modeling & Animation

(Full Year)

Course #519

Homework Load: Light

Additional Fee: \$110 to include an online tutorial fee to Lynda.com

Model 3D images using professional software, Autodesk Maya! Create and manipulate objects in 3D and learn

shading, texturing, and surface mapping techniques. Complete a project modeling the scenes and creating objects based on personal interests. Animation of objects continues during the second semester of the course.

## Digital Arts II - 3D Game Design (Full Year)

Course #685

Homework Load: Light

Additional Fee: \$60

Interested in games and virtual design? Create a sample game with a lush environment, fully animated characters, and interactive gameplay! Design, model assets and create programming scripts using Maya and Unreal Engine 4 (game engine for mobile and desktop games and real-time simulations). New users will gain a strong design foundation in the software and an introduction to scripting and game functionality.

## Digital Arts IS (Independent Study-Honors)

(Full year)

Course # 686

Homework load: Light

Prerequisite: Digital Arts I or Digital Arts II

And Instructor Permission Required

Additional Fee: \$100

Are you a student seriously interested in pursuing a career in Digital Arts & Media? Select an area of focus for this independent study Digital Arts course (3D Modeling/Animation or Game Design). Refine your skills and broaden your capabilities with Maya and Unreal Engine 4 software. Projects will be created on a student by student basis with the Instructor. Use your work to build your portfolio through submitting works to area art competitions!

## DM-Beginning Cinematography (Full Year)

Course #520

Homework Load: Light

Additional Fee: \$60

Learn how to make movies in this fun experiential course! Learn the essential building blocks of motion picture communications: the language of moving images, technical development of cinema, sound design, and film equipment. Work in a collaborative environment with your peers to create a script and map the full production process as you turn ideas into film! Edit films using Adobe Premier Pro.

## DM–Cinematography IS (Independent Study-Honors) (Offered both Semesters)

Course #521

Homework Load: Light

Prerequisite: Beginning Cinematography and Instructor Permission Required

Additional Fee: \$60 per Semester

Grade: 12

Work in teams to brainstorm ideas, write scripts, and manage the full production process of a film! Continue to refine your editing skills as you use Adobe Premiere Pro, Adobe Auditory and Adobe After Effects. Work as a team on a service project. Present your final work to the student body at the Annual Film Festival!

## Robotics (Full year)

Course #625

Homework load: Light

Additional Fee: \$100

Interested in engineering, programming, or computer science? Apply these interests in Robotics and learn new programming techniques and methods to make machines come to life. Participate in area competitions and build your resume!

## Photography I (Semester Class - Fall)

Course #605

Homework Load: Light

Prerequisite: None

Additional Fee: \$60

Recommendation: Student has their own camera

This is a basic course in photography designed to offer experiences with a digital camera. Various camera settings will be learned to offer greater creative and technical control. This course builds the foundation for visual literacy regarding both form and content of photographic images. The elements and principles of design as they relate to photographic composition are emphasized. Students learn framing within the viewfinder and explore various compositional principles. Students also learn to examine images critically through weekly critiques. Digital processing techniques are introduced using Adobe Lightroom and Photoshop.

## Photography II Semester Class - Spring)

Course #606

Homework Load: Light

Prerequisite: Photography I

Additional Fee: \$60

Recommendation: Student has their own camera

This course provides students with a variety of technical and creative skills. Students learn manual camera functions including control of aperture, shutter speed, and lens choice. Assignments explore the creative possibilities of manual control of the camera and lens. Students learn studio portraiture and principles of lighting. Students learn to use studio strobes and light modifiers. Emphasis will be placed on the creative and commercial aspects of studio portrait photography. Retouching and enhancing images in

Photoshop will be taught. Location portraiture will cover both reflective and subtractive lighting techniques as well as landscape photography.

## Photography III Advanced – Honors (Semester Class - Fall)

Course #607

Homework Load: Moderate

Prerequisite: Teacher Recommendation AND Photography I and II

Additional Fee: \$60

Recommendation: Student has their own camera and is a self-starter

This class covers the history of photography, and the use of the skills learned in previous photography classes. Students will learn the historical events and trends that gave rise to photography as an accepted art form and shape the current attitudes, aesthetics, and direction of photography. Students learn still life photography, strengthen their experience with studio portraiture, and further develop Photoshop skills. Students will begin an independent exploration of photo essays and write an artist mission statement. **Students are required to complete a significant body of independent work. Independent Photoshop projects will be assigned.**

## Photography IV Honors Portfolio (Semester Class-Spring)

Course #608

Homework Load: Moderate

Prerequisite: Teacher Recommendation AND Photography I, II, and III

Additional Fee: \$60

Recommendation: Student has their own camera and is a self-starter

This class is specifically for the student that wishes to pursue photography as a possible career choice. Students will work on their own portfolio, business plan, and create their own gallery show of their work.

**Students are required to complete a significant body of independent work. Independent Photoshop projects will be assigned.**

## \*Yearbook Honors (Full Year)

Course #674

Homework Load: Moderate

Prerequisites: Instructor Permission AND any of the following: Photography I, Graphic Arts, Beginning Journalism.

**\*Important Note: This course does not fulfill graduation requirement of a fine art credit.**

Enjoy the process of capturing high school life as you work in your team of editors to produce the annual high school yearbook! Put your creativity to paper as you use writing and graphic design knowledge to create vibrant compositions throughout the year. Work with the publishing company and manage the business side of the yearbook publication as you prepare to send the yearbook to print.

## Elective Course Offerings

The courses listed in this section qualify for elective credits. These courses are to be taken in addition to the courses listed above. The courses below are intended to offer elective classes which enrich the student experience and interest.

### Journalism Electives

#### Broadcast Journalism (Offered both Semesters)

Course #497

Homework Load: Moderate

Prerequisite: Beginning Journalism, Cinematography

Are you interested in Radio, Television? Have you considered furthering study in communications? Join Broadcast Journalism to learn more about the process of airing news casts as you become an integral part of the production team. Train in areas of news writing, video editing, production, camera operation, and performance. ***A deadline-oriented class, outside of class participation is required*** as you work with your broadcast team to prepare for the weekly presentation of KSAC! Students will work as a responsible news staff learning accountability, discernment, good citizenship, diligence, and leadership.

#### Journalism - Beginning (Offered both Semesters)

Course #560

Homework Load: Light

Learn the basic skills of journalism as you gather information, write, edit, and organize content for publication in this hands-on class. Study the elements of news from both a print and broadcast standpoint. Students will cover current school, community, city, national, and international events as part of the course! Learn the responsibilities of being a credible and ethical member of the media. This class will prepare you to advance to become staff members on the REVELATION team or KSAC team!

#### Journalism - Advanced (Offered both Semesters)

Course #559

Homework Load: Moderate

Prerequisite: Beginning Journalism, Graphic Arts, and/or Photography

Be a part of the Revelation team, SACS' award winning semi-monthly magazine! As members of the Revelation, look forward to working in a newsroom environment filled with writing, editing, page design and layout, and business organization as you manage both the production and printing of the publication. Learn the business side of journalism as you work with a professional printer and manage the publication's budget.

#### Journalism Honors (Offered both Semesters)

Course #561

Homework Load: Moderate

Prerequisite: Beginning Journalism and One Semester of Advanced Journalism or Graphic Arts for Journalism

Honors credit will be given at the end of the semester in which the student serves in an Editor position.

### Other Electives

#### Introduction to Sports Medicine (Full Year)

Course #814

Homework Load: Minimal

This course includes a hands-on curriculum with an emphasis on experiential learning.

The curriculum will focus on, but is not limited to; CPR, First Aid, basic taping and bracing, evaluation of injuries/anatomy of injuries, ethics and morals in the athletic trainer field, the importance of a medical team, and the role of the athletic trainer within a team. The first semester will focus on CPR, First Aid, basic taping and bracing, including some anatomy. The second semester will focus on the remaining topics.

Finally, each student would be required to work at least one sport outside of football. This will help with the application of concepts taught during classroom instruction. All hours will be logged and validated to help the students with their resume and application into future programs.

### Online College Electives

#### Online College Courses (Semester Courses)

Course # VARY DEPENDING ON CLASS SELECTED

Homework Load: Heavy

Prerequisite: College Admission through SACS Guidance Office

Additional Cost: \$300 per course plus any instructional fees

A variety of online college courses may be taken by juniors or seniors who complete the dual credit college application process for Howard Payne University. Online college courses are recommended for motivated, organized and mature students only.

**Note: We recommend students check with the university or college they plan to attend, to verify the school will place the credit in the correct section of your student's degree plan. If you need help with this, please come to the guidance office.**

## Study Hall (Offered both Semesters)

Course #652 (SM1)/653 (SM2)

Study Hall is a non-credit elective providing students a quiet place of mutual respect where students can accomplish their mission of learning by working individually on homework, preparing for tests or getting ahead on school work

## Physical Education Department

Physical Education is the study of the total person: physical, mental, emotional, and social as well as spiritual. Through its study, the student acquires an increased awareness of how their body functions and develops. They learn how to deal with stress through competition. Exposure to sports and lifetime activities enables the students to better select those activities which will later enhance their lives. In II Corinthians 6:16, Paul writes that we are the “temple of the Living God.” It is the responsibility of all people to cherish and maintain their temple. The study of physical education clarifies the needs of our physical bodies and how we can best develop, understand, and care for this physical vessel, which is God’s temple.

### PE Credit through Athletics (Full Year)

Course #604

The High School Physical Education credits are earned through team and individual sports. The objective is to equip students with many skills they can carry over into a lifetime of fitness. Credit is awarded for in-season participation and off-season strength and conditioning. This is a full year course. Credit can also be earned through varsity cheerleading (1 full credit) and team management (.5 credit per sport). Students will receive credit and a “P” will be recorded on the transcript. No numerical or letter grade will be given, and the grade will not be tabulated in the student’s GPA.

### PE Off-Campus Credit

Course #687

**Prerequisite: Off-Campus PE Request Form must be submitted prior to participation**

Students may earn their Physical Education credit through off-campus activities that meet the school’s guidelines for approved off-campus physical education credit. Required forms must be completed prior to receiving approval and credit. Off-campus credit must meet three key components: time, instruction, and assessment. An instructor must be qualified and approved by the Principal. A student will receive ½ credit for 60 hours and 1 credit for 120 hours. **Upon completion of required hours, students must submit the Off-Campus PE Report to receive credit.** All necessary forms can be found on Edline.

Students will receive credit marked as a “P” on their transcript indicating they have passed the course. Off-campus credit will not receive a numerical or letter grade and the course will not be calculated in their GPA.