



HIGH SCHOOL COURSE CATALOG 2022-2023

HCS Mission Statement:
Hearts straightened by Jesus Christ
Minds sharpened through academic challenge
Lives aimed at God's purpose
Based upon Psalm 127

Biblical Studies

BIB101 - The Christian Disciplines

Prerequisites: *None*

Grade(s): 9

Periods per cycle: 6

Credit: 1

In this class, attention will be given to the growth of a Christian. Our ultimate goal should be Christlikeness. Jerry Bridges states that if a living organism is not growing there is something wrong. The same is true for a Christian. The student will study the necessity, means and marks of spiritual growth. Text: *Growing Your Faith* (NavPress), *Celebration of Discipline* (HarperCollins)

BIB201 - Bible Study and Survey

Prerequisites: *Bible 101*

Grade(s): 10

Periods per cycle: 6

Credit: 1

This course is a survey of evangelical theology. The basic doctrines of Christianity concerning God's Word, God the Father, God the Son, God the Holy Spirit, angels and demons, creation, salvation, the church, and God's plan for the future are communicated. Students are prompted to develop a biblically-rooted theology that will serve as a foundation for further study and Christian practice. Texts: *Handbook of Evangelical Theology* (Kregel); *How to Read the Bible for All Its Worth* (Zondervan)

BIB301 - History of Christian Theology

Prerequisites: *Bible 101 and 201*

Grade(s): 11

Periods per cycle: 6

Credit: 1

This course is a study of Christian history and teaching from the early church to the end of the nineteenth century. Theological topics discussed include, but are not limited to, original sin, the nature of Christ, the atonement, divine sovereignty and human freedom, and sanctification. The significant people, events, and ideas that figure in the historical march of the gospel are considered, with the intention of emboldening the spiritual life of the students. Texts: *Sketches from Church History* (The Banner of Truth); *Across the Spectrum* (Baker Academic); *Chasing Elephants* (NavPress)

BIB401 - Worldviews and Apologetics

Prerequisites: *Bible 201 and 301*

Grade(s): 12

Periods per cycle: 6

Credit: 1

This course is an analysis of the philosophical, religious and scientific beliefs that constitute various worldviews. Different perspectives concerning God, morality, biology, salvation, hell, the problem of evil, miracles, and the resurrection of Jesus are discussed with the aim of developing a defensible Christian faith. Texts: *Understanding the Times* (Summit); *I Don't Have Enough Faith to Be An Atheist* by Norman Geisler and Frank Turek

Electives

ELC106 – Freshman Seminar

Prerequisites: *None*

Periods per cycle: 3

Grade 9

Credit: 0.50

This class is designed to aid freshmen to be as successful as possible in the transition to high school. Instructors, speakers, and mentors will focus on helping students develop their Christian character while offering a variety of practical lessons in topics such as study skills, organization and time management, healthy and effective personal and academic habits, public speaking, personal giftedness, and career exploration. Upper classmen and teachers serve as mentors to help support the freshman spiritually, socially, and academically through new high school responsibilities and opportunities. The school counselor is a guest speaker who addresses topics such as mindfulness, conflict resolution, and goal setting with the class.

ELC107 - Chapel Leadership

Prerequisites: *None*

Periods per cycle: 3

Grade(s): 9-12

Credit: 0.50

In this course you will learn how to plan, prepare, and lead through a chapel service from beginning to end. Students will be responsible for planning the worship set, speaker, and any technology needs if necessary. In previous years, this class has only been responsible for worship times, but this year the students will be fully responsible for the chapel program, learning important skills in communication, collaboration, and leadership.

ELC404 – Yearbook: Photojournalism and Design

Prerequisites: *Recommended Digital Photography 1*

Periods per cycle: 3

Grade(s): 9-12

Credit: 0.50

This course is for students interested in producing the student yearbook and is designed to explore journalism skills, while producing a high-quality annual publication. Through the course, students are encouraged to develop advanced technology skills (design layouts, digital photography), enhance peer management techniques, and acquire an appreciation of the diversity of the student body. Students will also be able to explore skills in writing, research, marketing, sales, and distribution. This course will require occasional during or after-school participation to cover events throughout the year.

English & Literature

ENG101 - English 9

Prerequisites: *English 8*

Periods per cycle: 6

Grade(s): 9

Credit: 1

This course introduces students to the literary concepts and terms used in the critical analysis of literature. Students study poetry, the short story, the novel, and the play emphasizing figurative language, symbolism, irony and allusion. Students will read major works from various cultures and periods of literature. Students will practice and "perfect" writing essays, especially literary analysis, as well as compose a formal expository research paper using MLA style. Students will learn and practice public speaking and dramatic reading skills. In addition, the class will study vocabulary, grammar (punctuation, parts of speech, parts of the sentence) and creative writing. Texts: *Elements of Language Third Course* (Holt, Rinehart and Winston); *Elements of Literature Fourth Course* (Holt, Rinehart and Winston); *Vocabulary Workshop, New Edition Level D* (Sadlier-Oxford); *The Pearl*; *To Kill a Mockingbird*; *Romeo and Juliet*.

ENG103 – Honors English 9

Prerequisites: *English 8 grade of at least 83*

Signed AP/Honors Recommendation Form

Periods per cycle: 6

Grade(s): 9

Credit: 1

This course introduces students to the literary concepts and terms used in the critical analysis of literature. Students study poetry, the short story, the novel, and the play emphasizing figurative language, symbolism, irony and allusion. Students will read major works from various cultures and periods of literature. Students will practice and "perfect" writing essays, especially literary analysis, as well as compose a formal expository research paper using MLA style. Students will learn and practice public speaking and dramatic reading skills. In addition, the class will study vocabulary, grammar (Phrases, Clauses and Usage) and creative writing. Texts: *Elements of Language Third Course* (Holt, Rinehart and Winston); *Elements of Literature Fourth Course* (Holt, Rinehart and Winston); *Vocabulary Workshop, New Edition Level D* (Sadlier-Oxford); *The Pearl*; *To Kill a Mockingbird*; *Romeo and Juliet*; *The Odyssey*; and *The Lord of the Flies*.

ENG201- English 10 - Survey of American Literature

Prerequisites: *English 9*

Periods per cycle: 6

Grade(s): 10

Credit: 1

This course introduces students to the great writers and works of American literature by surveying literature historically from the Puritan era to the Jazz Age. Literary concepts and terms used in the critical analysis of literature will be reinforced as students compose analytical essays, poems, and a formal expository research paper using MLA style. The class also will study the three elements of persuasion, vocabulary, grammar, and basic presentation skills. Texts: *Elements of Language Fourth Course* (Holt, Rinehart and Winston); *Elements of Literature Fifth Course* (Holt, Rinehart and Winston); *Vocabulary Workshop, New Edition Level E* (Sadlier-Oxford); *The Crucible*; *The Great Gatsby*.

ENG203 – Honors English 10 - Honors American Literature

Prerequisites: *English 9 grade of at least 83*

Signed AP/Honors Recommendation Form

Grade(s): 10

Periods per cycle: 6

Credit: 1

This course introduces students to the great writers and works of American literature by surveying literature and poetry from the Puritan Era to Contemporary Writings. Analysis essays are written on each major work, and individual poems are created in both open and closed poetic styles read in class. A Major Authors Project incorporates research and writing according to MLA standards. Students will also study and practice vocabulary, grammar (Usage and Mechanics), creative writing and basic presentation skills. Texts: *Elements of Language Fourth Course* (Holt, Rinehart and Winston); *Elements of Literature Fifth Course* (Holt, Rinehart and Winston); *Vocabulary Workshop, New Edition Level E* (Sadlier-Oxford); *The Crucible*; *The Scarlet Letter*; *The Great Gatsby*; *The Old Man and the Sea*.

ENG401 - World Literature

Prerequisites: *English 10-11*

Grade(s): 11-12

Periods per cycle: 6

Credit: 1

This course presents various genres of classic and contemporary World Literature, analyzing it within the theme of “Changing Your World” and connecting it to 21st century society and to the Christian life. Students will participate in class discussion, deliver oral and dramatic presentations, and learn and apply the fundamentals of debate. In addition, they will share their ideas through literary responses, analytical essays, and poetry. Students will complete units on strengthening their writing skills and vocabulary. Texts: *Write for College* (Thoughtful Learning); *Vocabulary Workshop Level G* (Sadlier-Oxford); *Hiroshima*; *The Cellist of Sarajevo*; *Night* (Weisel); *Fahrenheit 451*; *Animal Farm*; *Cry*, *The Beloved Country*.

ENG403 - AP English Literature & Comp

Prerequisites: *English 10 or Honors 10 with a grade of at least 83*

Signed AP/Honors Recommendation Form

Grade(s): 11-12

Periods per cycle: 6

Credit: 1.0

Students will read works by classical poets, short story writers, novelists and dramatists as they analyze the powerful effects of the authors’ beliefs on theme, plot and characterization. The course also focuses on the analysis of the literary methods used to effectively communicate the authors’ ideas through structure, syntax, diction, allusions and figurative language as well as style. Students will write formal, college-level analytical essays on a bi-weekly basis, make oral presentations, study vocabulary and master composition skills. Texts: *Literature: An Introduction to Reading and Writing*; Various Full-length Novels; *AP Literature and Composition Exam* (The Princeton Review); *Vocabulary Workshop, New Edition Level H* (Sadlier-Oxford); *The Adventures of Huckleberry Finn*; *Heart of Darkness*; *All the Pretty Horses*; *Oedipus Rex*; *Antigone*; *Hamlet*; *A Doll House*; *The Awakening*; *Pride and Prejudice*; *The Muse Asylum*; *A Tale of Two Cities*.

ENG150 – Creative Writing

Prerequisites: *None*

Periods per cycle: 6

Grade(s): 9-12

Credit: 0.5

In this course students will study the importance of creative writing in God's world through the study of representative writing samples, critical thinking skills, and strong writing techniques. Students will explore various genres of creative writing and craft a variety of pieces which may include narrative, opinion, verse, graphic design, and drama. Students will compose an end-of-course portfolio.

ENG250 – Introduction to Journalism and Media

Prerequisites: *None*

Periods per cycle: 3-6

Grade(s): 9-12

Credit: 0.5-1.0

Journalism will introduce students to basic journalism including print and online news media through a Christian worldview. Units covered may include media ethics, information gathering, writing for print and blog, and broadcasting through TV reporting and radio, and podcasting.

ENG350 - Speech Communications

Prerequisites: None

Periods per cycle: 3

Grade(s): 10-12

Credit: 0.5

Students will discover the importance of strong interpersonal and intrapersonal communication for the glory of God. The class will focus on aiding students in preparing a variety of speeches from impromptu to formal as they learn and practice different types of listening skills and effective speaking techniques. In addition to traditional introductory, informative, and persuasive speeches, presentations may include music, reader's theater, TV news, and devotional/homiletics.

Foreign Language

SPA101 - Spanish I

Prerequisites: *None*

Periods per cycle: 6

Grade(s): 9-12

Credit: 1

This course is an introduction to the Spanish language. Students will begin to communicate (through both oral and written means) in Spanish using basic vocabulary and grammar at a novice level of proficiency to socialize, exchange information, and express attitudes and opinions (*Communication*). Students will also learn about Spanish and Latin American life and culture (*Cultures*) and will be introduced to the importance of learning Spanish and the role of the Spanish language in the world today. Students will be encouraged to use the language both within and beyond the school setting (*Communities*), to understand the nature of language through comparisons of Spanish and English (*Comparisons*), to use Spanish to reinforce other disciplines and acquire information (*Connections*), and to begin to develop effective strategies for missions and ministry to Spanish-speakers (*Christ*). Text: *Ven Conmigo 1* (Holt); *Mirame! Puedo hablar!* (Sky Oaks)

SPA201 - Spanish II

Prerequisites: *Spanish I*

Periods per cycle: 6

Grade(s): 9-12

Credit: 1

This course builds on the linguistic skill base from Spanish I. Students will communicate (through both oral and written means) in Spanish using basic vocabulary and grammar at an intermediate-low level of proficiency to socialize, exchange information, and express attitudes/opinions and feelings/emotions and persuade (*Communication*). Students will also learn about Spanish and Latin American life and culture (*Cultures*) and will continue to consider the importance of learning Spanish and the role of the Spanish language in the world today. Students will be encouraged to use the language both within and beyond the school setting (*Communities*), to understand the nature of language through comparisons of Spanish and English (*Comparisons*), to use Spanish to reinforce other disciplines and acquire information (*Connections*), and to begin to develop effective strategies for missions and ministry to Spanish-speakers (*Christ*). Text: *Ven Conmigo 2* (Holt); *Mirame! Puedo hablar mas!* (Sky Oaks)

SPA301 - Spanish III

Prerequisites: *Spanish II with a grade of at least 83*

Signed AP/Honors Recommendation Form

Grade(s): 10-12

Periods per cycle: 6

Credit: 1

This course builds on the linguistic skill base from Spanish I and II. Students will communicate (through both oral and written means) in Spanish using basic vocabulary and grammar at an intermediate-mid level of proficiency to socialize, exchange information, express attitudes/opinions and feelings/emotions, and persuade (*Communication*). Students will also learn about Spanish and Latin American life and culture (*Cultures*) and will continue to consider the importance of learning Spanish and the role of the Spanish language in the world today. Students will be encouraged to use the language both within and beyond the school setting (*Communities*), to understand the nature of language through comparisons of Spanish and English (*Comparisons*), to use Spanish to reinforce other disciplines and acquire information (*Connections*), and to continue to develop effective strategies for missions and ministry to Spanish-speakers (*Christ*). Text: *Ven Conmigo 3* (Holt); *Mirame! Puedo hablar muchisimo!* (Blaine Ray Workshops)

SPA401 - Spanish IV

Prerequisites: *Spanish III with a grade of at least 83*

Signed AP/Honors Recommendation Form

Grade(s): 10-12

Periods per cycle: 6

Credit: 1

This course builds on the linguistic skill base from Spanish I, II, and III and reviews grammar structures in the context of authentic Spanish and Latin American reading, audio, and media sources. This course is at an intermediate/advanced level that develops conversational skills, listening comprehension, advanced vocabulary, and confidence in the language. Students will communicate (through both oral and written means) in Spanish using vocabulary and grammar at an intermediate-high level of proficiency to socialize, exchange information, express attitudes/opinions and feelings/emotions, and persuade (*Communication*). Students will also learn about Spanish and Latin American life and culture (*Cultures*) and will continue to consider the importance of learning Spanish and the role of the Spanish language in the world today. Students will be encouraged to use the language both within and beyond the school setting (*Communities*), to understand the nature of language through comparisons of Spanish and English, (*Comparisons*), to use Spanish to reinforce other disciplines and acquire information (*Connections*), and to continue to develop effective strategies for missions and ministry to Spanish-speakers (*Christ*). Throughout this course, students will be prepared for and encouraged to take one or more standardized assessments in Spanish (e.g. SAT subject test, CLEP, and/or the AP Spanish Language and Culture Exam). Texts: *Temas* and *AP Spanish Language and Culture Exam Preparation* (Vista Higher Learning, Inc); *Don Quijote de La Mancha* (National Textbook Company); *El Cid* (National Textbook Company); *The Official Guide for All SAT Subject Tests* (The College Board); *CLEP* resources

ASL101 – Introduction to American Sign Language

Prerequisites: *None*

Grade(s): 9-12

Periods per cycle: 3

Credit: 0.5

This course is an introduction to American Sign language. Students will begin to communicate in ASL using basic vocabulary and grammar at a novice level of proficiency to socialize, exchange information, and express attitudes and opinions (*Communication*). Students will also learn about Deaf culture (*Cultures*) and will be introduced to the importance of learning ASL and the role of American Sign Language in the world today. Students will be encouraged to use the language both within and beyond the school setting (*Communities*), to understand the nature of language through comparisons of ASL, Signed English and Spoken/Written English (*Comparisons*), to use ASL to reinforce other disciplines and acquire information (*Connections*), and to begin to develop effective strategies for missions and ministry to People who are Deaf or Hard of Hearing (*Christ*). Text: *Learning American Sign Language* by Tom Humphries and Carol Padden plus additional digital resources and occasional guest instructors.

History & Humanities

HST101 – World History I

Prerequisites: *None*

Periods per cycle: 6

Grade(s): 9

Credit: 1

This course focuses on the history and geography of Asia. The first semester covers content on Southwest, South, and Southeast Asia. The second semester covers content on East Asia, specifically China, Korea and Japan. Students' understanding of history will be deepened through the examination of historical documents, timelines, maps, cultures, politics, passages of Scripture and Biblical values.

HST201 - World History II

Prerequisites: *None*

Periods per cycle: 6

Grade(s): 10

Credit: 1

World History is a survey course study of the history of the world, mainly Western civilizations, from the creation of the world through the great wars of the 20th Century. History is seen as "His" story, God's creation and God's plan for mankind. Psalm 135:6 says, "The Lord does whatever pleases Him in the heavens and on the earth." God's hand can clearly be seen in history, and we study it from that point of view. Text: *World History for Christian Schools* (Bob Jones University Press)

HST301 - American History

Prerequisites: *None*

Periods per cycle: 6

Grade(s): 11

Credit: 1

This is a survey study course in American history starting with the founding of the country, moving into a war for independence from Great Britain, and concluding with the present day. Students need to learn their cultural and political background as Americans. They need to see the big picture of our nation so that they can try to avoid the same mistakes we have made in the past. Text: *American Anthem* (Holt)

HST401 – Western Thought and Culture

Prerequisites: *None*

Periods per cycle: 6

Grade(s): 12

Credit: 1

This course takes a philosophical look at the decline and fall of Western Civilization, as well as a study into Post Modernism and a look into how to live out your convictions in a society that has become increasingly hostile to Christian beliefs. Texts *How Should We Then Live* (Crossway Books) and *We Will Not Be Silenced* (Harvest House Publishers).

Mathematics

MTH101 - Algebra I

Prerequisites: *Advanced Pre-Algebra*

Grade(s): 9

Periods per cycle: 6

Credit: 1

In this course, students will be introduced to variables, translation and solving problems, real numbers, polynomials, factoring, fractions, functions, linear equations, inequalities, rational numbers, and irrational numbers. Students will be given the framework for abstract and deductive reasoning and demonstrate this by applying concepts to situations. *Algebra I* (McGraw Hill)

MTH201 - Geometry

Prerequisites: *Algebra I*

Grade(s): 9-10

Periods per cycle: 6

Credit: 1

This course is designed to provide a general knowledge of geometric terms, develop geometric skills and apply these concepts in other situations. It is a study of points, lines, planes, angles, polygons, circles, and polyhedron with an emphasis on triangles, area and volume. The study of geometry improves logical reasoning skills. Text: *Geometry* (McGraw Hill)

MTH211 – Honors Geometry

Prerequisites: *Algebra I, with grade of at least 83,*

Signed AP/Honors Recommendation Form

Grade(s): 9-10

Periods per cycle: 6

Credit: 1

This course is designed to provide a general knowledge of geometric terms, develop geometric skills and apply these concepts in other situations. It is a study of points, lines, planes, angles, polygons, circles, and polyhedron with an emphasis on triangles, area and volume. The study of geometry improves logical reasoning skills. This is the first course where students are required to develop mathematics by proofs.

MTH301 – Algebra II

Prerequisites: *None*

Grade 10-12

Periods per cycle: 6

Credit: 1

In this course, students will review concepts from Algebra I and will deal with linear equations and functions, products and factors of polynomials, rational expressions, irrational and complex numbers, quadratic equations and functions, variation and polynomial equations, exponential and logarithmic equations. Selected topics in probability, and statistics will also be discussed. The students will use the TI-83 graphic calculator to enhance their learning. Text: *Algebra II* (McGraw Hill)

MTH302 – Business Mathematics

Prerequisites: *None*

Grade 10-12

Periods per cycle: 6

Credit: 1

This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. Topics covered will include paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards interest calculations, comparison shopping, vehicle and home purchasing and investing.

This class will be taught by a WSCA faculty member over FLO.

MTH311 – Honors Algebra II

Prerequisites: *Algebra I and Geometry grade at least 83,*

Signed AP/Honors Recommendation Form

Grade(s): 9-11

Periods per cycle: 6

Credit: 1

In this course, students will review concepts from Algebra I and will deal with linear equations and functions, products and factors of polynomials, rational expressions, irrational and complex numbers, quadratic equations and functions, variation and polynomial equations, matrices and exponential and logarithmic equations. Selected topics in probability, and statistics will also be discussed. The students will be required to use the TI-83 graphic calculator to enhance their learning. Text: *Algebra II* (McGraw-Hill)

MTH400 - Statistics

Prerequisites: *Algebra II*

Grade(s): 11-12

Periods per cycle: 6

Credit: 1

In this course, students will use concepts and tools learned in Algebra and Geometry to compile, categorize, prepare, evaluate, and analyze statistical data. They will also learn how to calculate the probability of various permutations and combinations through recognition and appropriate use of formulae and methods as derived. Text: *Elementary Statistics, A Step-by-Step Approach, 9th Edition* (McGraw Hill)

MTH402 - Honors Pre-Calculus

Prerequisites: *Algebra I & II and Geometry grade at least 83,*

Signed AP/Honors Recommendation Form

Grade(s): 10-12

Periods per cycle: 6

Credit: 1

This is a two-part course and its design was heavily influenced by college-level introductory mathematics courses. During the first semester, students will concentrate on Algebra-based topics, including a review of Algebra 1 and Algebra 2, Polynomial and Rational Functions, Radical Functions, Exponential and Logarithmic Functions, and Conic Sections. In the second semester, the course focuses on Trigonometric topics, such as degree and radian measure, the Unit Circle, Trigonometric Functions, graphs of Trigonometric functions, Trigonometric proofs and identities, Inverse Trigonometric functions, and the Law of Sines and Cosines. Text: *Blitzer Pre-Calculus* (Pearson)

Performing Arts

MUS101 - Concert Choir

Prerequisites: *None*

Periods per cycle: 3

Grade(s): 9-12

Credit: .50

Students will refine vocal production techniques, increase musical literacy, advance musicianship, and strengthen sight reading skills through exposure to choral music of different cultures, time periods, and genres. The Choir will perform at the Winter and Spring Concerts during the academic school year. As opportunities arise, students may also participate in performances outside of the school environment such as field trips and community events. Attendance at rehearsals, concerts, and other performances is mandatory and will be reflected in student grades.

MUS103 – Show Choir

Prerequisites: *Concert Choir previous or concurrently*

Periods per cycle: 3

Grade(s): 9-12

Credits: .50

Students will develop an understanding of musical techniques such as harmony, breath control, tonal accuracy, and composition while being provided with an opportunity for personal growth and self-expression. A wide range of repertoire including “Pop,” Jazz, and Broadway styles of music in addition to standard choral repertoire will be studied and performed. Staging and choreography are incorporated into performances while healthy singing techniques and choral performance skills are maintained. The Show Choir will perform at the Winter and Spring Concerts during the academic school year. As opportunities arise, students may also participate in performances outside of the school environment such as field trips and community events. Attendance at rehearsals, concerts, and other performances is mandatory and will be reflected in student grades.

MUS104 - Concert Band

Prerequisites: *None*

Periods per week: 3

Grade(s): 9-12

Credit: .50

Students will continue to learn the basic and intermediate elements of music through instrumental music. The students will demonstrate the ability to play their instruments using proper rhythm, tone, and breath support. They will demonstrate this mastery during band and mandatory performances (two school concerns and Music in the Parks participation in spring of 2023).

MUS107 – Intro to Drama

Prerequisites: *None*

Periods per week: 3-6

Grade(s): 9-12

Credit: .50- 1.0

This course is intended to provide the time and space to prepare a performance of a play in the fall, and assist in running the musical in the spring. In the fall semester, students involved in this class will learn skills in acting, characterization, improvisation, stage design, production equipment operation, and stage management. This will all lead up to a run of whatever play we are preparing. This class is not only for those that want to perform, but also for those that want to learn the skills of running the moving parts of a show. In the spring semester, students will be learning the ins and outs of putting on a musical, engaging in first hand experience to prepare our spring musical. We will discuss what goes into costume preparation, moving set design, blocking and choreography considerations, and front of house management during a performance run.

Physical Education & Health

PEH101 - HS Physical Education

Prerequisites: *None*

Periods per week: 2

Grade(s): 9-12

Credit: .50

Physical Education is a course designed to help each student develop and maintain a suitable level of physical fitness commensurate with his or her individual needs and abilities. Each student will be challenged to improve their individual fitness levels in a way that is pleasing to God. The aim of Physical Education classes is to assist the student in developing coordination, physical skills, and mental adaptability. The emphasis is on co-educational activities such as soccer, basketball, football, badminton, and other individual lifetime sports. In these physical activities, the goal is also to encourage good sportsmanship and Christian testimony. Students must pass Physical Education all four years. *"Do you not know that your body is a temple of the Holy Spirit, who is in you, whom you have received from God? You are not your own; you were bought at a price. Therefore honor God with your body." 1 Corinthians 6:19, 20.*

Science

SCI101 - General Science

Prerequisites: *8th Grade Science*

Periods per cycle: 6

Grade(s): 9

Credit: 1

The 9th grade General Science course is designed to review the important concepts of middle school science classes and build a strong foundation for high school biology and subsequent science courses. The topics will include scientific inquiry and analysis, earth space science as it applies to biology, foundational physical science and chemistry principles, and preparatory biology topics.

SCI101 - Biology

Prerequisites: *8th Grade Science; Algebra I*

Periods per cycle: 6

Grade(s): 9

Credit: 1

Biology is a study of God's design as described in the Genesis account of creation. The development of the class follows a traditional course studying biochemistry, genetics, cellular biology, and the traditional six kingdoms of life. The laboratory activities will cause them not only to become familiar with specialized scientific equipment but cause them to think and make conclusions concerning what they will be observing. Text: *Biology: The Study of Life* (Glencoe)

SCI202 - Chemistry

Prerequisites: *Biology, Algebra I, Algebra II (previously or concurrently)*

Periods per cycle: 6

Grade(s): 10-11

Credit: 1

Chemistry, a study of God's chemical relationships that He designed, is offered to those students desiring to continue studies beyond high school. It develops the logical thinking skills necessary for the analysis of varying chemical problems. The students will probe more deeply into the structure and interaction of matter in class as well as laboratory activities. A strong mathematical background is recommended. Text: *Modern Chemistry* (Holt)

SCI 204 - Inquiry Based Science

Prerequisites: *None*

Periods per cycle: 3

Grade(s): 9-12

Credit: .50

Students will complete an individual or team research project. The formation of a hypothesis, experimental design, analysis and conclusion will be required. Students must maintain a scientific journal, write a formal research paper and prepare the project for presentation at the Capital Area Science and Engineering Fair. Additional opportunities will become available based on the content area of the research.

SCI206 – Forensic Science

Prerequisites: *None*

Periods per cycle: 3

Grade(s): 10-12

Credit: 0.5

Forensic Science is the art of finding and analyzing evidence that is left behind at a crime scene to associate those items with the people who were involved. Students will gain an understanding of the history and general foundations of the various scientific disciplines used in forensic science. Students will experience basic laboratory techniques. Successful completion of the course will introduce students to the world of forensic science and use that information to solve a case.

SCI301 - Honors Physics

Prerequisites: *Chemistry, Algebra II*

Periods per cycle: 6

Grade(s): 11-12

Credit: 1

In this course, keen observations and accuracy in measurement are emphasized in class and laboratory. The class is heavily laboratory based and students will study mechanics, motion, forces, waves, and electricity. Strong Algebra and Trig backgrounds as well as independent study skills are recommended. Text: *Physics* (Pearson)

SCI302 - Anatomy & Physiology

Prerequisites: *Biology and Chemistry*

Periods per cycle: 6

Grade(s): 11-12

Credit: 1

Anatomy and Physiology is the basic study of the human body. In this course we will cover all of the major body systems. We will focus on the parts of each system and how those parts work together as a whole. This knowledge will lead us into our discussions on how we are all made in the image of the Creator and how we have each been purposefully designed to carry out His will. Text: *The Human Body in Health and Disease* (Patton)

SCI401 - Environmental Science

Prerequisites: *Biology*

Periods per cycle: 6

Grade(s): 10-12

Credit: 1

Students will study the ecological and environmental aspects of God's creation through practical experiences and lessons that are designed to encourage good stewardship of His creation. Text: *Environmental Science* (McGraw Hill)

Student Service Learning

SSLART - Art Aide

Prerequisites: *Teacher Recommendation*

Grade(s): 10-12

Class Type: P/F

Periods per week: Varies

Credit: meeting everyday all year 0.5/ otherwise 0.25

Art Aides provide assistance to the Art Department. Some of the tasks an Art Aide would be expected to do throughout the year include: processing and preparing art images for Artsonia.com, hanging art work in the display cases, glaze mixing, kiln loading and unloading, and general classroom clean up.

SSLATH - Athletic Aide

Prerequisites: *Teacher recommendation*

Grade(s): 10-12

Class Type: P/F

Periods per week: Varies,

Credit: meeting everyday all year 0.5/ otherwise 0.25

Athletic Aides provide assistance to the Athletic Department by assisting a teacher with making copies, assisting with Elementary class instruction and classroom management, assisting the teacher with Presidential Challenge Competitions and Elementary Field Days. Athletic Aides assisting the Athletic Director may assist with planning, organizing, and facilitating athletic events, assist in organizing/maintaining uniforms & equipment, and may assist in maintenance and care of athletic fields.

SSLDRA - Drama Aide

Prerequisites: *Teacher Recommendation*

Grade(s): 10-12 P/F

Class Type: P/F

Periods per week: Varies

Credit: meeting everyday all year 0.5/ otherwise 0.25

The aide will assist the music teacher in many tasks involved with preparation for the Spring Musical. This aide also assists in copying assignments and handouts for various Drama classes.

SSLELE - Elementary Teacher Aide

Prerequisites: *Teacher Recommendation*

Grade(s): 10-12

Class Type: P/F

Periods per week: Varies

Credit: meeting everyday all year 0.5/ otherwise 0.25

The student assists an Elementary classroom teacher by helping with marking of papers, filing student work, running off copies on the copier, and putting up/taking down of bulletin boards. The aide may also assist students who are in need of extra help or practice during a lesson, as per teacher requests.

SSLIT - Information Technology Aide

Prerequisites: *Teacher Recommendation*

Grade(s): 10-12

Class Type: P/F

Periods per week: Varies

Credit: meeting everyday all year 0.5/ otherwise 0.25

An IT Aide will assist with all aspects of technology at the School including: computer maintenance/repair, peripheral setup, cabling; assist with special function setup, operation and teardown; assist with the setup, rehearsal and performance of school chapels, concerts and assemblies. Participation in the annual HCS Musical is encouraged, but not required.

SSLMUS - Music Aide

Prerequisites: *Teacher Recommendation*

Grade(s): 10-12

Class Type: P/F

Periods per week: Varies

Credit: meeting everyday all year 0.5/ otherwise 0.25

This aide will assist the Music teacher in filing and organizing printed music for the various choral and handbell performance classes. The aide also makes copies of assignments and handouts as necessary for various music classes.

SSLOFF - Office Aide

Prerequisites: *Teacher Recommendation*

Grade(s): 11-12

Class Type: P/F

Periods per week: Varies

Credit: meeting everyday all year 0.5/ otherwise 0.25

This aide will assist the Office staff with various office and clerical functions. The Office Aide may assist with mailings, filing, communication notices, etc. The student aide should have strong organizational skills, computer skills (i.e. Word, Publisher, Excel, and Power Point), and communication skills, both written and verbal.

Visual Arts

ART100 – Foundations of Art I

Prerequisites: *None*

Periods per cycle: 3-6

Grade(s): 9-12

Credit: 0.5- 1.0

In this class, students will be introduced to fundamental skills in art such as drawing, painting, and sculpting through examining works throughout art history. Students will create their own artwork while expanding on conceptual thinking and creative problem-solving skills.

ART200 – Foundations of Art II

Prerequisites: *ART100*

Periods per cycle: 3-6

Grade(s): 10-12

Credit: 0.5- 1.0

In this class, students will build upon fundamental skills introduced in Foundations of Art 1 and begin to develop more intermediate to advanced techniques. Students will have the opportunity to explore art making with non-traditional media as well as art making practices yet to be explored such as print making and ceramics.

ART306 - Digital Photography

Prerequisites: *None*

Periods per cycle: 3

Grade(s): 9-12

Credit: .50

In this class, students will learn everything they need to know in order to make a fine digital image and print. The class goes through the fundamental technical skills and progresses to the image-making concepts that create a skilled fine arts or event photographer. Students will be able to take and edit high quality photographs using a variety of techniques. They will learn to use digital manipulation in an ethical way. Students will gain an understanding of the history of photography and the work of past and present famous photographers.

ART308 - Digital Photography II

Prerequisites: *ART306*

Periods per cycle: 3

Grade(s): 10-12

Credit: .50

In this class, students will build upon the foundational work of Digital Photography 1 and dive deeper into more intermediate/advanced skills. Students will continue to progress in use of the Adobe Suites as well as hone in techniques using DSLR cameras. They will gain additional understanding of the history of photography and the work of past and present famous photographers.