



WEST SHORE CHRISTIAN ACADEMY

HIGH SCHOOL COURSE CATALOG

2024-2025

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A member school of the Christian School Association of Greater Harrisburg

INTRODUCTION

To our seniors, welcome to your final year of high school. We pray you will finish your high school career in a positive fashion and that you will seek the Lord's will for your life after graduation.

To our juniors and sophomores, understand that your example is being watched carefully by underclassmen. Your impact on them may be significant, so be wise in your actions!

To those of you entering your first year of high school, welcome to 9th grade where you are beginning your high school career.

As you choose your classes and curriculum for the coming school year, seek God's guidance and will. The Psalmist says, "The steps of a good man are ordered by the Lord" (Psalm 37:23). He will direct you and lead you in the right choices as you seek His will for your school days.

The following considerations are offered as you choose your classes and curriculum for the coming school year. We encourage parents and students to think through these together.

1. **How much should you learn?**

The overall premise is that it is good for you to learn as much as possible in order to be fully prepared to live a life of submission and useful service to God. At this point in your education, it is wise to consider the overall picture, not just what you want. During this year you will be making some significant choices as you continue to be "sharpened." God uses sharpened tools. Proverbs 14:23 says, "All hard work brings a profit."

2. **What courses do students typically take each year?**

9th Grade	10th Grade	11th Grade	12th Grade
Bible, English, Science, Math, History, Foreign Language, PE, and Health <i>(Fine Arts)</i>	Bible, English, Science, Math, History, Foreign Language, PE <i>(Fine Arts)</i>	Bible, English, Science, Math, History, PE <i>(Fine Arts, Foreign Language, Electives)</i>	Bible, English, PE <i>*Other classes as needed to meet Grad. Requirements (See point 3)</i>
6.5 - 8.0 credits	6.25 - 7.5 credits	5.25 - 7.5 credits	4.25 - 7.5 credits

3. How will my course selections fit in with graduation requirements?

A certain number of credits are required in each subject area for graduation. You should choose your courses with the purpose of attaining the required number of courses in:

Bible	4 credits	English	4 credits
Math	3 credits	Science	3 credits
History*	3 credits <i>*Including at least 1.0 U.S. History credit.</i>	Foreign Language	2 credits
PE	1 credit + Health course	Fine Arts	1 credit
Additional credits from any subject or elective		4 credits	

High school students are promoted as follows: 5 $\frac{3}{4}$ credits to enter 10th grade, 12 $\frac{1}{2}$ to enter 11th grade, and 19 to enter 12th grade and 25 to graduate.

4. How are high school credits determined?

High school credits will be issued on a semester and yearly basis, depending upon the nature of the course. This means that a student's first and second quarter grades in a class will be combined with the semester exam to establish a first semester grade. For one semester courses, a student who passes will receive .50 credits (for most subjects). For full year courses, 1.0 credit will be accrued by passing the course for the whole year. If the student does not pass a course, (s)he will be required to make up that credit (if the course is needed for graduation) by repeating the course, taking it in summer school, or through online learning.

5. How are AP courses different from regular academic courses?

AP courses equate to a first-year college level course; therefore, students may earn college credit for the course upon achieving a qualifying score on the AP Exam. AP courses involve a rigorous level of reading, writing and critical thinking. AP exams are given at the end of the course. The final grade earned in an AP course is weighted at 1.12.

6. What is the difference between dual enrollment and dual credit?

Dual enrollment courses are taken through a college/university, earning both university and WSCA credit. *Please see pg. 20 for more details.*

Dual credit refers to WSCA courses that also satisfy university course requirements. Students take dual credit courses at WSCA with WSCA teachers and can earn both WSCA and university credit. We currently work with Cairn University for our dual credit courses. *Please see pg. 21 for more details.*

7. How can I change my course selections?

Students and parents should consider course selection carefully so that schedule changes rarely occur. The time to drop and add a course is during the *first two (2) weeks of each semester for all courses*. If you withdraw after the drop/add time, it will remain on your record as W/P (withdrew/passing) or W/F (withdrew/failing) with no credit awarded.

8. What is the school's grading system?

Letter	Numeric	1 credit STD UGPA	½ credit STD UGPA	DE/DC/AP GPA	HON GPA
A+	97-100	4.0	2.00	4.480	4.240
A	93-96	4.0	2.00	4.480	4.240
A-	90-92	3.7	1.85	4.144	3.922
B+	87-89	3.3	1.65	3.696	3.498
B	83-86	3.0	1.50	3.360	3.180
B-	80-82	2.7	1.35	3.024	2.862
C+	77-100	2.3	1.15	2.576	2.438
C	73-76	2.0	1.00	2.240	2.120
C-	70-72	1.7	0.85	1.904	1.802
D+	67-69	1.3	0.65	1.456	1.378
D	65-66	1.0	0.50	1.120	1.060
F	Below 65	0	0	0	0

REQUIRED COURSES

*Courses labeled “**Available in AY25-26**” will not be offered in 2024-25. These courses will next be available in 2025-26.

BIBLE

THE SPIRITUAL LIFE (9th): TWO SEMESTERS CREDIT: 1.00

The purpose of this class is to examine some of the important topics essential to walking in Christ. The class begins by studying salvation, how God relates to man how man is in the image of God. Subsequent topics include how a believer can successfully battle sin, the importance of a daily walk with Christ, the role of spiritual disciplines (prayer, Bible study, memorization, meditation) in the life of a believer, worship, helping those in need, how to share my faith, and our future glory.

BIBLE DOCTRINE (10th): TWO SEMESTERS CREDIT: 1.00

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.

CHURCH HISTORY / CONTEMPORARY ISSUES (11th /12th): TWO SEMESTERS CREDIT: 1.00

This course will trace the history of God's faithfulness with His people since the days of the Apostles. Emphasis will be simultaneously placed on the origins of various branches/denominations of Christianity and on how believers can live out the unity of Christ's bride. In semester two, students will wrestle with a number of divisive topics in the Church while maintaining the emphasis on unity.

COMPARISON OF WORLDVIEWS (11TH/12TH): TWO SEMESTERS CREDIT:1.00

This course begins with a study of the Christian worldview. From this point, other major worldviews, such as Islam, Buddhism, Mormonism, Hinduism, and more, are examined and evaluated. Emphasis is placed upon developing and applying critical thinking skills and equipping students to understand and communicate the gospel to people who do not share their beliefs.

Available in AY25-26

ENGLISH

WORLD LITERATURE (9th): TWO SEMESTERS

CREDIT: 1.00

Students will read and study various works of literature from around the world, developing an understanding of and respect for different cultures and ways of life in order to better understand the world around them. The class will promote learning on a deeper and more meaningful level through engaging with multiple genres of literature. Students will also continue to strengthen their grammar, vocabulary, and writing skills in order to improve their written and spoken communication, extending beyond previous literature studies.

Note: Honors available (requires additional readings and writing/research assignments) with teacher approval.

AMERICAN LITERATURE (10th): TWO SEMESTERS

CREDIT: 1.00

Primarily through readings of noted great American novels, this course is designed to introduce students to a wide variety of literature from the period of colonization in America to the mid-20th century. Students will become familiar with the historical and cultural circumstances surrounding each piece of literature, and they will also explore the development and expression of some fundamental ideas (myths and beliefs) that still influence Americans today. In addition to examining the historical and ideological contexts of a range of prose, poetry, and fictional works, students will practice ways of identifying variant themes and rhetorical strategies. Also, students will receive instruction and demonstrate the ability to use proper grammar, specific vocabulary words, and various writing skills. The students will also be able to recognize various thematic, figurative, poetic, and dramatic devices used in a broad range of literary genres. Students will also learn over 300 vocabulary words and how to use them.

Note: Honors available (requires additional readings and writing/research assignments) with teacher approval.

BRITISH LITERATURE (11th): TWO SEMESTERS

CREDIT: 1.00

Why do we do what we do? Everyone likes to see themselves as the hero of their own story, but we have also experienced that time where we were the villain. In this course, we will explore the heroes and monsters that inspired our English language ancestors to compose love poems and elegies, epics, dramas, novels, political pamphlets and speeches. By the end of the year, students will have tracked the ideological development of the British Isles as reflected in its speeches, journals, poetry, prose, and drama. They will understand how to analyze documents to understand the author's purpose and be able to put those skills to use in their own writing—all from a Biblical perspective. Students will also learn and use about 300 vocabulary words.

ENGLISH 12 (12th): TWO SEMESTERS

CREDIT: 1.00

According to author and theologian Shane Hipps, "Christianity is fundamentally a communication event. The religion is predicated on God revealing Himself to humanity.... Any serious study of God is a study of Communication." In this course, we consider what it means to be a Christian communicator in today's world. To do so, we will study communication of the past and present, analyzing various forms throughout history (storytelling, art, music, dance, theatre, ceremony, rhetoric, mass media) to the words, symbols, and mediums through which we communicate today (public speaking, mass media, social media, group and organizational communication, relational communication, verbal, nonverbal, intercultural communication, etc). Along with these mediums, we will also study important communicators in Biblical, historical, and contemporary culture to

sift through the complexities of communicating in today's society as we discern how we can be the best communicators of the love of God

DUAL CREDIT – ENGLISH COMPOSITION (11th/12th): Two Semesters Credit: 1.00

A course that examines the principles and practice of clear, concise and literate writing. This course will introduce the student to research writing and documentation and provide a foundation for future academic writing. *Students may earn Dual Credit for this course through a partnership with Cairn University.*

FOREIGN LANGUAGE

SPANISH I: TWO SEMESTERS

CREDIT: 1.00

Spanish 1 is an introductory course of the Spanish language. Students will master the basic phonics and pronunciation of the language. Students will learn how to conjugate the various verb forms in –ar, –er, and –ir endings within the present tenses. The teacher will integrate a balanced focus on listening, speaking, reading, and writing skills throughout all phases of instruction. Students will be required to apply their knowledge through basic grammatical structures and vocabulary. Students will be encouraged to compare what they learn about Hispanic culture with their own, thereby learning to think critically and progress towards a more mature vision of the world.

SPANISH II: TWO SEMESTERS

CREDIT: 1.00

Spanish 2 is a course of study that will build upon the grammatical foundations established in Spanish 1. It will emphasize the correct usage of the present, present progressive, preterit, and imperfect tenses. The importance of conjugating verb tenses correctly and forming sentences using correct syntax will be highly stressed. The teacher will integrate a balanced focus on listening, reading, and writing skills throughout all phases of instruction; however, more emphasis will be placed on conversational speaking.

Prerequisite: Spanish I

HONORS SPANISH III: TWO SEMESTERS

CREDIT:

1.00

Spanish 3 students will have the opportunity to perfect and fine tune the Spanish skills learned in Spanish 1 and 2. There is a review of Spanish grammar and syntax as well as the acquisition of more advanced grammatical concepts. Students will be required to apply their knowledge through spoken, written, and listening activities and authentic assessments. Students will develop their writing capabilities as well as continue ear training and conversational Spanish. Several short novels and/or short stories by Hispanic authors will be read.

Prerequisite: Spanish II and teacher approval.

HONORS SPANISH IV: TWO SEMESTERS

CREDIT:

1.00

Spanish 4 students will have the opportunity to perfect and fine tune the Spanish skills learned in Spanish 1, 2 and 3. There is a review of Spanish grammar and syntax as well as the acquisition of more advanced grammatical concepts. Students will be required to apply their knowledge through spoken, written, and listening activities and authentic assessments. Spanish 4 students will not only study the important Hispanic influences on the United States, but also study the history and cultural development of Spain, Central America, and the Caribbean countries. Written reports, oral class presentations in the target language, and conversational Spanish will be emphasized. Several short novels and/or short stories by Hispanic authors will be read and discussed.

Prerequisite: Spanish III and teacher approval.

HISTORY

WORLD HISTORY 1 (9th): TWO SEMESTERS

CREDIT: 1.00

World History I is the first year of a two-year course of study of the world outside the United States. Students will learn to analyze history critically and gain an understanding of the distinctive features of Asian history and geography. Students will learn to read critically, analyze primary sources, and present and defend their viewpoints in both written and oral form.

WORLD HISTORY 2 (10th): TWO SEMESTERS

CREDIT: 1.00

World History II is the second year of a two-year course of study of the world outside the United States. Students will learn to analyze history critically and gain an understanding of the distinctive features of African, European, and Latin American history and geography. Students will learn to read critically, analyze primary sources, and present and defend their viewpoints in both written and oral form.

Prerequisite: World History I

AMERICAN GOVERNMENT (11th/ 12th): FIRST SEMESTER

CREDIT:0.50

During this semester course, the student will study the origins, principles, and basic workings of the American political system and government, through the use of lecture, discussion, reading, videos, and group projects. Additional study will focus on biblical principles regarding authority and government and on the United States Constitution itself.

Prerequisite: World History II

**American Government is linked to the 20th Century U.S. History course. Students take both classes over the course of one school year. This course fulfills the American History graduation requirement.*

20TH CENTURY U.S. HISTORY (11th/12th): SECOND SEMESTER

CREDIT:0.50

During this semester course, the student will study the history of the United States during the twentieth century, through the use of lecture, discussion, reading, videos, and projects. Attention will be given to both domestic and foreign affairs, focusing on those issues and events that shaped American history and solidified the United States as the dominant power of the world at the end of the century.

Prerequisite: World History II

**20th Century U.S. History is linked to the American Government course. Students take both classes over the course of one school year.*

DC U.S. HISTORY (11TH/12TH): TWO SEMESTERS

CREDIT:1.00

Honors U.S. History is an intensive survey course. Students will learn to write compelling essays that focus on a thesis, and they will learn to identify and critique a thesis in the writing and thoughts of others. Students will learn to read primary sources critically and to respond to ideas with creativity and originality. Projects both individual and group are featured. Only highly motivated students should apply.

Prerequisite: World History II and teacher approval

**DC U.S. History is a Dual Credit course through Cairn University. Please contact the School Counselor for details. This course fulfills the American History graduation requirement.*

WESTERN CIVILIZATION 1 (12th): FIRST SEMESTER CREDIT: .50

Western Civilization (Honors) examines the ideas and general history of the western world, especially the classical ideas of Greece and Rome. Students learn by confronting the great thinkers of history and analyzing the ways in which their ideas have filtered down through the stages of Western History. Emphasis will be on reading and understanding the masters of Western History from the Classical Age whose ideas have endured through the years. Critical thinking will be carefully developed through Socratic dialogue and analytical critiques of the great writers.

Prerequisite: World History II and teacher approval

**Both Western Civilization I & II are available for students to take as a Dual Credit course through Cairn University. Please contact the School Counselor for details.*

WESTERN CIVILIZATION 2 (12th): SECOND SEMESTER CREDIT: .50

Western Civilization (Honors) examines the ideas and general history of the western world from the founding of the Middle Ages to the relativism of the post-modern world. Students learn by confronting the great thinkers of history and analyzing the ways in which their ideas have filtered down through the stages of Western History. Emphasis will be on reading and understanding the masters of Western History from every age whose ideas have endured through the years. Critical thinking will be carefully developed through Socratic dialogue and analytical critiques of the great writers.

Prerequisite: World History II and teacher approval

**Both Western Civilization I & II are available for students to take as a Dual Credit course through Cairn University. Please contact the School Counselor for details.*

DC EUROPEAN HISTORY (11th/12th): TWO SEMESTERS CREDIT: 1.00

DC European History is an intensive survey course. Students will learn to write compelling essays that focus on a thesis, and they will learn to identify and critique a thesis in the writing and thoughts of others. Students will learn to read primary sources critically and to respond to ideas with creativity and originality. Projects both individual and group are featured. Only highly motivated students should apply.

Prerequisite: World History II and teacher approval.

Available in AY 25-26

MATHEMATICS

ALGEBRA 1: TWO SEMESTERS

CREDIT: 1.00

The student will receive instruction in and demonstrate the ability to perform mathematical functions and problem-solving in the areas of addition, subtraction, multiplication, and division of integers, rational numbers, irrational numbers, polynomials, factoring polynomials, solving equations and inequalities with complex fractions, absolute value, square roots and quadratics, graphing linear equations and quadratic functions, and solving systems of linear equations.

Prerequisite: Pre-Algebra

HONORS ALGEBRA 1: TWO SEMESTERS

CREDIT: 1.00

Throughout Honors Algebra 1, students will study topics beyond the traditional framework of Algebra 1. This course begins with fundamental topics in algebra, including number classification, parts of expressions, linear equations, and proportionality. Students will extend these topics as they learn about the many characteristics and applications of linear functions. The course continues with an exploration of systems of equations and inequalities, the structure of polynomials, and an in-depth examination of quadratic functions. Students wrap up the course by analyzing data and probability concepts, inverses, radical functions, and rational expressions.

Prerequisite: Pre-Algebra and teacher approval.

GEOMETRY: TWO SEMESTERS

CREDIT: 1.00

The student will receive instruction in and demonstrate the ability to perform basic mathematical functions and problem-solving in the areas of geometry. They will learn how to develop formal proofs through the use of theorems, postulates, and inductive and deductive reasoning. They will expand their knowledge of trigonometry, area and volume. This course will introduce the student to constructions, coordinate geometry, transformational geometry, practical applications of geometry, and geometry related art.

Prerequisite: Algebra I

HONORS GEOMETRY: TWO SEMESTERS

CREDIT: 1.00

The student will receive instruction in a range of topics that extend beyond the traditional framework of geometry. They will learn how to develop formal proofs through the use of theorems, postulates, and inductive and deductive reasoning. They will expand their knowledge of trigonometry, area, volume, coordinate geometry, transformational geometry, and geometry related art. Beyond these traditional topics, an in-depth exploration of logic and reasoning will lead the student to practical applications in the problem-solving areas of geometry.

Prerequisite: Algebra I and teacher approval

ALGEBRA 2: TWO SEMESTERS

CREDIT: 1.00

The student will receive instruction in and demonstrate the ability to perform mathematical functions and problem-solving in areas of graphs, polynomials, factoring, fractional equations, radicals, imaginary numbers, conic sections, logarithms, sequences/series, and trigonometric topics.

Prerequisite: Geometry

HONORS ALGEBRA 2: TWO SEMESTERS**CREDIT: 1.00**

The student will receive instruction in and demonstrate the ability to perform mathematical functions and problem-solving in areas of graphs, polynomials, factoring, fractional equations, radicals, imaginary numbers, conic sections, logarithms, sequences/series, and trigonometric topics. At the honors level, additional topics will be covered like matrices and rational functions. The course will balance an in-depth approach to each topic with appropriate pacing to move through each unit.

Prerequisite: Geometry and teacher approval

HON. PRE-CALCULUS: TWO SEMESTERS**CREDIT: 1.00**

Building on the concepts learned in algebra and geometry, the student will apply these skills to more complex mathematical functions and to modeling and solving real-world problems. Problem solving skills will be developed in the area of graphs, polynomials, logarithms, trigonometry, analytic geometry, systems of equations and inequalities, sequences and probability.

Prerequisite: Algebra II and teacher approval

STATISTICS: TWO SEMESTERS**CREDIT: 1.00**

The purpose of this course is to introduce students to the fundamental principles of statistics so that they can critically analyze and utilize data in various fields of study and in everyday life. By the end of the course, students will be able to define and describe types of data, compare and analyze various types of data, understand the fundamental rules and principles of probability, apply the concept of normal distributions to everyday life situations, analyze survey studies for their validity and reliability, understand the basics of hypothesis testing, compare statistical findings from various samples for the purpose of analysis, calculate and comprehend correlations, regression analyses, as well as various statistical measures, and critically evaluate data to determine its intended vs. actual meaning.

Prerequisite: Algebra II

AP CALCULUS A/B: TWO SEMESTERS**CREDIT: 1.00**

Having a solid grasp of pre-calculus math, the student will learn how to apply the calculus concepts of limits, derivatives and integrals to evaluate real-life situations. Moving outside the study of static situations, we will analyze dynamic situations with curved lines, accelerating objects, changing volumes, and variable forces.

Prerequisite: Pre-Calculus and teacher approval

AP CALCULUS B/C: TWO SEMESTERS**CREDIT: 1.00**

AP Calculus BC is roughly equivalent to second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Prerequisite: AP Calculus AB and teacher approval

SCIENCE

BIOLOGY (9th): TWO SEMESTERS

CREDIT: 1.00

Jesus told his disciples in John 14:6, "I am the Way, the Truth, and the Life." Biology involves the study of that Life. The student will explore and experience the world of living things, the science of biology, through classroom instruction, reading, research, discussions, participation in group and individual projects, using biological experimentation, practicing basic microbiological techniques, and dissecting several specimens. Topics include the Chemistry of Life, Cells, Cellular Energy, Genetics, Modern Biology, Creation and Evolution, and a survey of the Animal Kingdom.

CHEMISTRY (10th): TWO SEMESTERS

CREDIT: 1.00

In Genesis 1:9-10, on the third day, God created the dry land out of the water. In Chemistry, we study the incredible variety of materials He created on that day. The students will receive instruction in the basic principles of the study of matter and the science of chemistry by using reading, experimentation and reporting, researching scientific information, and class activities, including lecture notes, worksheets, and lab work. Topics covered include Atomic Structure, Stoichiometry, Gas Laws, writing formulas and equations, and solutions.

Prerequisite: Biology and Algebra 1

ENVIRONMENTAL SCIENCE (11th/12th): TWO SEMESTERS

CREDIT: 1.00

This 11th and 12th Grade Biology Course covers topics in Environmental Science from a Christian perspective. Topics include: Economics and Environmental Policy, Earth's Environmental Systems, Ecology, Biomes, Biodiversity, Human Populations, Human Health, Urbanization, Forestry, Water Resources, the Atmosphere, and Global Climate Change. Activities include debates on environmental topics, Labs, and a stream study in the Conodoguinet.

Prerequisite: Biology

SURVEY OF PHYSICS (11th/12th): TWO SEMESTERS

CREDIT: 1.00

This is a general physics course. It is designed to provide a broad mathematical analysis of the physical laws that govern our universe. Topics include (1) motion and stability, (2) forces and interactions, (3) energy, and (4) waves and applications for technologies for information transfer. Students will also gain a better understanding of how physics can be used to understand everyday phenomena.

Prerequisite: Chemistry and Algebra 2

DC PHYSICS I (11th/12th): TWO SEMESTERS

CREDIT: 1.00

Physics I focuses on the properties of motion. It is designed for those students planning to continue their education in science related fields. It is assumed these students possess a strong mathematical background and logical thinking skills. Course work is similar to the first semester of a college non-calculus physics course. Topics include: Kinematics, dynamics, forces and momentum. The topics to be covered in depth are statics and dynamics.

Prerequisite: Chemistry, Algebra 2, and teacher approval

**DC Physics I is available for students to take as a Dual Credit course through Cairn University. Please contact the School Counselor for details.*

ADVANCED TOPICS (12th): TWO SEMESTERS**CREDIT: 1.00**

(Organic Chemistry & Physics II: Electricity & Magnetism): This rigorous course is designed to meet the needs of those students planning a science-based study in college including such areas as medicine, nursing, engineering, physics, biology, dentistry, or chemistry. The course is divided into two sections, Organic Chemistry and Physics II Electricity & Magnetism. During part I, students study organic nomenclature, alkanes, alkenes, alkynes, functional groups, aromatics, polymer chemistry, and organic reactions; similar to the first semester of a college organic chemistry course. During part II, students study electricity, magnetism, and basic circuits; again similar to the second semester of a college non-calculus physics course. Due to its rigorous nature, students need instructor approval prior to taking this course. These students must possess a strong mathematical background, work ethic, and logical thinking skills.

Prerequisite: Chemistry, but can be taken in conjunction with Physics I. Enrollment in/completion of Pre-Calculus and teacher approval.

ANATOMY & PHYSIOLOGY (11th/12th): TWO SEMESTERS**CREDIT: 1.00**

Biology II Anatomy & Physiology is designed for those students with future educational or career plans that require a strong background in biology; or career plans that may include nursing, physical therapy or other related health sciences. This course is a rigorous and comprehensive study of the digestive, excretory, nervous, skeletal, muscular, and circulatory body systems. Major content areas include biochemistry, anatomy and physiology.

Prerequisite: Chemistry

***Available AY25-26**

MUSIC & ART

FOUNDATIONS OF ART: (6X/CYCLE): TWO SEMESTERS

CREDIT: 1.00

This course will lay the groundwork for making an appreciating art. This class will introduce drawing, painting, ceramics, and mixed media. In this class we will explore what it looks like to make and appreciate art through a Christian worldview.

This class is a pre-requisite for all other Art classes. Students must take this class if they have not taken any other Art classes at the High School level before taking any other classes.

ADVANCED 2-D: (6X/CYCLE): TWO SEMESTERS

CREDIT: 1.00

This course will focus on building and strengthening drawing and painting skills. This class expands upon and builds the skills introduced in foundations of art. During the second half of the year there will be opportunity to challenge and strengthen drawing and painting skills through choice based projects.

Prerequisite: Foundations of Art

CERAMICS: (6X/CYCLE): TWO SEMESTERS

CREDIT: 1.00

In this course students will learn hand building and wheel throwing techniques, while also gaining a deeper understanding of the glazing and firing process. Through practice, repetition, and testing students will develop their skills and body of ceramic work. This class can be intense and will require some extra time outside of the class time to develop skills and finish work.

Prerequisite: Foundations of Art

STUDIO HABITS: (6X/CYCLE): TWO SEMESTERS

CREDIT: 1.00

What would you make if you had your own art studio? This class functions on a choice-based model, where students choose the medium and ideas for their projects. In this course students will “pitch” their ideas and create a timeline to complete each project. If you love making art and want to develop your portfolio then this course is a great opportunity for you.

Prerequisite: Foundations of Art

HIGH SCHOOL CHOIR (3X/CYCLE): TWO SEMESTERS

CREDIT: 0.50

High School Choir is a performance based vocal ensemble open to students in grades 9 – 12. Students will study a variety of musical repertoire to develop both individual and ensemble skills, while performing together to bring glory to the Lord and encourage others with the truth. Students will discover basic techniques for producing a good choral sound and develop their abilities to physically produce the sounds. Students must be enrolled in chorale to participate in County or District Chorus, with the recommendation of the director.

HIGH SCHOOL SINGERS (3X/CYCLE): TWO SEMESTERS

CREDIT: 0.50

High School Singers is a high-level, performance-based vocal ensemble, open to students in grades 9 – 12. Students will study a variety of advanced musical repertoire to develop both individual and ensemble skills, while performing together to bring glory to the Lord and encourage others with the truth. This group rehearses before school and will perform at various school and community events. Members of the group must be dedicated and committed to the ensemble, with a serious desire to further their musical studies and abilities.

Note: Students must be enrolled in Choir to participate in this group. An audition and/or instructor approval is required.

JAZZ BAND (2X/CYCLE): TWO SEMESTERS**CREDIT: 0.25**

Jazz Band is a high-level, performance-based instrumental ensemble, open to students in grades 9 – 12. Students will study a variety of advanced musical repertoire to develop both individual and ensemble skills, while performing together to bring glory to the Lord and encourage others with the truth. This group performs at various school and community events. Members of the group must be dedicated and committed to the ensemble, with a serious desire to further their musical studies and abilities.

Note: Students must be enrolled in Band to participate in this group. An audition and/or instructor approval is required.

BAND (2X/CYCLE): TWO SEMESTERS**CREDIT: 0.25**

Band is a performance-based ensemble open to students in grades 7 – 12 who play a wind or percussion instrument. Students will study a variety of musical repertoire to develop both individual and ensemble skills. *Students must already possess a basic knowledge of their instrument.* Attendance at all school performances is required. Students must be enrolled in Symphonic Band to participate in County or District Band, with the recommendation of the director.

ORCHESTRA (2X/CYCLE): TWO SEMESTERS**CREDIT: 0.25**

Orchestra is a performance-based ensemble open to students in grades 7 – 12 who play a stringed instrument (violin, viola, cello, or double bass). Students will study a variety of musical repertoire to develop both individual and ensemble skills. *Students must already possess a basic knowledge of their instrument.* Attendance at all school performances is required. Students must be enrolled in Symphonic Orchestra to participate in County or District Orchestra, with the recommendation of the director.

PHYSICAL EDUCATION & HEALTH

HIGH SCHOOL PE (1X/CYCLE): TWO SEMESTERS

CREDIT: 0.25

The objective of this course is to have each student improve in their ability in each sport or activity played and to have them participate in the sports with an attitude that is pleasing to the Lord. Students will engage in personal exercise activities and organized group sports.

HEALTH/FITNESS (1X/CYCLE): TWO SEMESTERS

CREDIT: 0.25

Students will receive instruction in how to take care of their body from a Biblical perspective. The course will encourage students to attain and maintain good health habits. This course will be taught once each week for two semesters.

**Typically taken during 9th grade year.*

ELECTIVE COURSES

ENGINEERING A (3x/cycle): FIRST SEMESTER CREDIT: 0.50

Engineering I: Unit 1 – Energy and Manufacturing Technologies, Unit 2 – Construction and Transportation Technologies

This course will utilize hands-on, problem-based activities to introduce fundamental technology concepts, each unit is driven by authentic open-ended problems offering multiple opportunities for students to construct knowledge and develop appropriate skills across the contexts of technology. Each learning unit starts with a Preliminary Challenge and ends with a Primary Challenge. Teams of students will work together to develop a solution to the Primary Challenge as they work together through several learning cycles. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

Prerequisite: Enrollment in/completion of Pre-Calculus

Available AY25-26

ENGINEERING B (3x/cycle): SECOND SEMESTER CREDIT: 0.50

Engineering II: Unit 1 – Manufacturing Technologies, Unit 2 – Transportation Technologies

This course will utilize hands-on, problem-based activities to introduce fundamental technology concepts, each unit is driven by authentic open-ended problems offering multiple opportunities for students to construct knowledge and develop appropriate skills across the contexts of technology. Each learning unit starts with a Preliminary Challenge and ends with a Primary Challenge. Teams of students will work together to develop a solution to the Primary Challenge as they work together through several learning cycles. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

Prerequisite: Enrollment in/completion of Pre-Calculus

Available AY25-26

ENGINEERING C (3x/cycle): FIRST SEMESTER CREDIT: 0.50

Intro to Engineering C: Sound Technologies and Aeronautics

The study of Sound Technologies will involve observing, analyzing and measuring sound waves. We will also explore sound cancelling technologies and meet professionals in the field of recording. In the aeronautics unit, we will create various modes of flight as we learn about the significance of surface area, volume, lifting forces, and more. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

Prerequisite: Enrollment in/completion of Pre-Calculus

ENGINEERING D (3x/cycle): SECOND SEMESTER CREDIT: 0.50

Intro to Engineering D: Environmental and Mechanical

The Environmental unit will focus on recycling, passive solar design, watersheds, and other “green” subjects. In the Mechanics Engineering unit students will discover how to use simple

machines for mechanical advantage as they create a Rube Goldberg-inspired machine. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

Prerequisite: Enrollment in/completion of Pre-Calculus

TEACHER'S AIDE: EITHER SEMESTER CREDIT: 0.25-0.50

This program has been developed to allow our students the opportunity to work with our staff to acquire the knowledge and techniques of being able to succeed in their various positions. The knowledge acquired during this program is then applied in practical situations. Students may choose to do a Full-Time placement (6 times per Cycle) or a Part-Time placement (1-5 times per Cycle). Upperclassmen are given priority this program. Admission is granted through an application process after the start of the school year.

**Please note: A student may only earn a maximum of 0.5 credits per TA assignment.*

ROBOTICS (3X/CYCLE): TWO SEMESTERS CREDIT: 0.50

Autodesk's VEX Robotics Curriculum is divided up into twelve primary units and one optional unit. In a flexible format, students learn about engineering and engineering problem solving. They will be given introductions to the VEX Robotics Design System while learning key STEM principles through a process that captures the excitement and engagement of robotics competition. The curriculum is focused on mechatronic principles; as such, prior programming knowledge is NOT required. *Students will be enrolled upon teacher recommendation/math assessment after the course selection process.*

YEARBOOK (2X/CYCLE): TWO SEMESTERS CREDIT: 0.25

This is a full-year course designed to work like a business. This course will give students an opportunity to capture the memories of their school year while learning skills that will prepare them for life beyond high school. Students will be required to meet deadlines, manage costs and budgets, sell advertisements, and work independently as well as collectively. Students will learn necessary journalism skills such as interviewing and caption writing. Students will learn page design and layout and acquire a basic photography foundation. Considerable time outside of class will be required to prepare the yearbook for publication.

Prerequisite: Teacher approval

WSCA Dual Enrollment – A Brief Overview

-What is Dual Enrollment?

- Dual Enrollment (DE) allows students to enroll in college classes as a high school student.
- DE classes are taught by college instructors and use the curriculum of the host institution.
- DE classes must be approved by the administration (*please see Mr. Fickel for more details*).

-Who is eligible to take DE classes at WSCA?

- Enrolled full-time at WSCA.
- 11th & 12th Grades.
- Some schools have GPA requirements as a prerequisite for acceptance as a DE student.
(*Ex: Messiah & Liberty require students to have a 3.0 GPA*)

-How are DE credits calculated?

- DE classes are calculated into a student's overall GPA upon the end of each semester.
- High school credits are assigned based on the amount of college credits for the class.
 - College Credit: 3.0 = High School Credit: 1.0
 - College Credit: 2.0 = High School Credit: 0.5
 - College Credit: 1.0 = High School Credit: 0.25

-Can DE classes count towards WSCA's graduation requirements?

- DE courses can fulfill WSCA graduation requirements in corresponding subjects.
- Students MAY NOT use a DE Bible credit to satisfy the WSCA graduation requirements.

-Where can I take DE classes?

- We encourage students to use our agreement with Messiah University to cover the cost of their classes.
- *Students may take DE classes through any college or university that is reputable and accredited. If you have questions about a potential host institution, please contact the School Counselor.*

-How will the cost be assessed for DE courses?

- CSAGH will cover the cost for up to 12 college credits.
- These 12 credits must be taken during the school year (*no reimbursement for summer DE classes*).
- Reimbursement/coverage will be equal to the Messiah DE cost per credit, per the CSAGH agreement with Messiah University, whether the student takes the class at Messiah or at another college/university.
- The current Messiah DE tuition cost is \$120 per credit (*\$360 per 3 credit class*) [2/26/2024].
- Families must submit receipts for reimbursement to the Finance Office and Registrar.

-How/When will I have to pay for DE courses?

- For Messiah DE classes, your bill will be assessed through the CSAGH business office, so you will not have to worry about paying tuition costs.
- Families are responsible for fully covering the cost of textbooks and other course materials.
- For Liberty University, the cost of the class will be assessed to your family FACTS account. Reimbursement will occur after the class ends if the student receives a C or higher.
- For classes taken at other institutions, the family is responsible for covering any upfront costs for that class including tuition. After the class is completed with a grade of C or higher, the family must submit an official transcript from the host institution to the WSCA office verifying the final grade received in the class, as well as any tuition receipts to verify cost for reimbursement.
- If a student takes a class at another institution, CSAGH will only reimburse the tuition cost up to the \$120 per credit limit.

-How do students register for DE courses?

- All students must complete the DE Registration form for any DE classes they wish to take that semester and submit the form to Mr. Fickel in the office. This is to ensure an accurate academic record, including Report Cards and High School Transcript.
- If a student wishes to take a DE course through Liberty University, they must indicate the class name, number, and course term on the DE form. *WSCA will then apply to Liberty on the student's behalf and upon acceptance will register the student for their DE classes.*
- If a student wishes to take a DE course through any other institution (including Messiah), the student must apply to that institution as a Dual Enrollment student. After being accepted, the student is responsible for registering for the corresponding classes as indicated on the DE Registration form.

WSCA Dual Credit – A Brief Overview

-What is Dual Credit?

- Dual Credit is an alternative method of earning college credit while enrolled in High School.
- Students take their class at their native high school (WSCA) with their high school teachers, and their final grade is shared with a partner college/university who will award the student an equivalent college credit.

-Who is eligible to take Dual Credit courses?

- Any student who is enrolled in an approved Dual Credit course at WSCA may choose to enroll as a Dual Credit student.
- Students taking a Dual Credit class do not have to enroll for Dual Credit through Cairn in order to enroll in the class at WSCA.

-Is there a cost associated with Dual Credit courses?

- Dual credit courses are eligible to have tuition costs at Cairn covered or reimbursed under CSAGH's Dual Enrollment reimbursement policy (see above).
- Choosing to receive tuition coverage or reimbursement will count the Dual Credit course towards the 12 credit limit per school year that the CSAGH Dual Enrollment policy covers (see above)

-What classes are available to take as Dual Credit courses through Cairn?

- For the Academic Year 24-25, the following Dual Credit courses will be offered at WSCA:
 - DC Physics I
 - DC English Composition
 - DC US History
 - DC Western Civ I&II

-How do I enroll as a Dual Credit student?

- A Cairn Dual Credit form will be shared with students in class at the start of the school year to indicate their interest in earning college credit while taking their WSCA class.

**For questions related to Dual Enrollment or Dual Credit, please cont*