



Divine Savior Academy

**High School Course Catalog
2016-2017**

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HIGH SCHOOL COURSE CATALOG

The purpose of this course catalog is to provide parents and students with information regarding high school course offerings, graduation requirements, and college admission guidelines. This catalog is designed to assist students in planning the most appropriate program for the next school year as well as the remainder of their career at Divine Savior Academy. The student's college counselor is one of the most important resources for each student to plan his/her career path. Students, parents, teachers, and counselors should discuss each student's selections prior to or during the pre-registration process.

GRADUATION REQUIREMENTS

Subject Area	Graduation Requirements	Additional Requirements Scholar Diploma	Additional Requirements Merit Diploma (+ Scholar)	Additional Diploma Endorsements 2017-19
Language Arts	4 credits with major concentration in composition, reading for information, and literature			AP Scholar and Capstone Scholar
Mathematics	4 credits, one of which must be Algebra I (Exam is 30% of grade), and one must be Geometry (Exam is 30% of grade).	Algebra II (Exam is 30% of grade) AP Statistics		STEM Scholar
Science	4 credits in Science, one must be Biology (Exam is 30% of grade). One additional Science course must have a lab component. If a student has completed Biology, Chemistry, and Physics by the end of 11 th grade, an AP computer course or STEM course may satisfy up to one credit of this requirement.	Chemistry Physics	Complete the STEM Program	Pre-Professional Science
Social Studies	1 credit World History 1 credit American History (Exam is 30% of grade) .5 credit American Government .5 credit Economics 1 credit in general social studies courses			Pre-Professional Business
Foreign Language	Minimum of 2 credits in any foreign language	2 consecutive credits in foreign language (State University Requirement)		Pre-Professional Mass Media
Fine/Performing Arts	1 credit in Fine or Performing Arts, Speech and Debate, or specified practical arts			Pre-Professional Information Technology
Physical Education	1 credit in Physical Education to include the integration of health			Pre-Professional Fine Arts -Music, Theater, Art
Religion	1 Credit per year of attendance at DSA must be earned.			
General Electives	4 credits			
Total	28 credits			
GPA Requirements	Cumulative 2.0 on a 4.0 scale Florida Medallion Scholar 3.0 Florida Academic Scholar 3.5			NCAA Eligibility 3.0
Comm. Svc. Hours	80 hours Florida Academic Scholar 100			
ACT/SAT scores	NA Florida Medallion Scholar 26/1170 Florida Academic Scholar 29/1290			NCAA Eligibility Sliding Scale

Four-Year Course Planner

This tool assists students who would wish to plan their course work for all four of the high school years at Divine Savior Academy. The Four-Year Course Planner is particularly useful to those who already have a clear idea of their intended career path or are certain of plans to attend a post-secondary institution. Honors and AP designations may be chosen as well.

FRESHMAN YEAR (normally totals 7 credits)			
<u>Department</u>	<u>Credit</u>	<u>Semester 1 Course</u>	<u>Semester 2 Course</u>
Religion	1 credit	New Testament	
English	1 credit	(H)Eng 9	
Math	1 credit	Math for Future Succ /(H) Alg / (H)Geom / (H)Alg 2	
Science	1 credit	(H)Biology	
Social Studies	1 credit	World History/AP WHis	
PE / STEM	1 credit	PE with Health Component / STEM	
Foreign Language	1 credit	Spanish / AP Spanish / Latin / French	
	0/1 credit	Study Hall / Choir/Theater/Art	
SOPHOMORE YEAR (normally totals 7 credits)			
<u>Department</u>	<u>Credit</u>	<u>Semester 1 Course</u>	<u>Semester 2 Course</u>
Religion	1 credit	Old Testament	
English	1 credit	(H)English 10	
Math	1 credit	(H)Alg / (H)Geom / (H)Alg 2 / Hon Pre-calc	
Science	1 credit	Intro to Chem and Physics / Chem	
Social Studies	1 credit	US History/AP US His	
Foreign Language	1 credit	Spanish 2 / Spanish for Speakers 2 / Latin 2 / French 2	
Electives	1 credit		
	0/1 credit	Study Hall / Choir /Theater/Art	
JUNIOR YEAR (normally totals 7 credits)			
<u>Department</u>	<u>Credit</u>	<u>Semester 1 Course</u>	<u>Semester 2 Course</u>
Religion	1 credit	Christian Doctrine	
English	1 credit	English 11 / AP Literature or Grammar	
Math	1 credit	(H)Geom / (H)Alg 2 / Hon Pre-Cal / AP Calc AB/AP Stats / Alg 2 w Fin Imp	
Science	1 credit	(H)Chem/(H)Physics	
Social Studies	1 credit	(AP)US Gov/(H)Economics	
Electives	1 credit		
	0/1 credit	Study Hall / Choir/Theater/Art	
Electives	1 credit		
SENIOR YEAR (normally totals 7 credits)			
<u>Department</u>	<u>Credit</u>	<u>Semester 1 Course</u>	<u>Semester 2 Course</u>
Religion	1 credit	Practical Christianity	
English	1 credit	Writing for College Success / AP Literature or Grammar	
Math	1 credit	(H)Geom / (H) Alg 2 / Hon Pre-Cal / AP Calc AB/AP Stats / Alg 2 w Fin Imp	
Science	1 credit	(H)Physics or two of the following: For Sci/Anatomy/Zoology/Env Sci	
Social Studies	1 credit	Two of the following: Psychology, Sociology, World Rel, Cur Events	
Electives	1 credit		
	0/1 credit	Study Hall / Choir/Theater/Art	
Electives	1 credit		

COURSE DESCRIPTIONS- CORE CLASSES

RELIGION

Introduction to the Bible: Faith Foundations

Credit: One (1) Credit

A study of basic Biblical truths which provides a working knowledge of key figures, history, themes/teachings, and the salvation story in the Old and New Testaments. The study also examines Christian discipleship in the areas of relationships, behaviors, and attitudes.

Prerequisites: None

New Testament: The Word Became Flesh

A study of the four Gospels, with an in depth focus on the Messianic prophecies of the Old Testament, revealing Jesus as the promised Savior and ascended Lord. The study concludes with the formation and growth of the New Testament church in the Book of Acts.

Credit: One (1) Credit

Prerequisites: Teacher recommendation, passed *Bible Knowledge Exam*, or Course 0: Introduction to the Bible - Faith Foundations.

Old Testament: The Bible Jesus Read

A study of the Old Testament, which focuses on God's plan of salvation rooted in human history, from Genesis to Daniel. The study also includes a survey of Psalms and Proverbs, with an overview of Old Testament worship as it foreshadows the promised Messiah.

Credit: One (1) Credit

Prerequisites: Course One: The Word Made Flesh or Course 0: Introduction to the Bible - Faith Foundations.

Christian Doctrine: Grace and Peace

A study of the foundational teachings of the Bible, which include justification, sanctification, law and gospel, heaven and hell, vocation, along with a close examination of select New Testament Epistles, such as Galatians, Thessalonians, I John.

Credit: One (1) Credit

Prerequisites: Course Two: Old Testament - The Bible Jesus Read or Course 0: Introduction to the Bible - Faith Foundations

Christian Discipleship: Prepared to Answer

A study of Biblical doctrines and principles for the purpose of preparing servant-leaders. The study will explore living, defending, and sharing one's faith and the Word of God in a secular and pluralistic society.

Credit: One (1) Credit

Prerequisites: Course Three: Christian Doctrine - Grace and Peace or Course 0: Introduction to the Bible - Faith Foundations.

ENGLISH

English through ESOL (1002300)

Credit: One (1) Credit

This course will provide instruction and practice in language skills and focus on building academic language. These components will offer a variety of opportunities to produce language and learn critical vocabulary, grammar, and comprehension skills.

Prerequisite: ELL Program

English 9 (1001310)

Credit: One (1) Credit

English 9 further advances students' skills related to the Common Core State Standards.

Reading Fiction and Nonfiction Texts: Students are exposed to a variety of fiction and nonfiction texts from around the world, both classic and contemporary. Over the course of the school year, students read an extensive collection of short stories, poems, articles, essays, and novels by prominent authors. Students learn how to support information using both explicit and implicit evidence, identify themes, and examine authors' choices when crafting a text.

Writing: Students write a variety of essays, specifically focusing on argumentative, informative, and narrative writing. Students learn how to properly research, support, and provide analysis for research writing.

Speaking/Listening: Students practice speaking and listening through class presentations, discussion, formal speeches, and argumentative debates.

Language: Students enhance vocabulary skills by studying SAT-related words. The emphasis on grammar is designed to heighten student ability to properly understand and communicate in written form. This involves both the knowledge and usage in prescribed forms in speaking and writing.

Prerequisites: None

Honors English I (1001320)**Credit:** One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Participation in Honors English 1 requires students to work independently from English 9. This means students are to develop and utilize a personal schedule that allows them to complete assignments and tasks by established deadlines.

Prerequisites: Teacher approval and demonstrated excellence in previous English courses**English 10 (1001340)****Credit:** One (1) Credit

English 10 builds upon the Common Core State Standard skills learned in English 9.

Reading Fiction and Nonfiction Texts: Students read a variety of classic and contemporary texts by a multitude of authors. Over the course of the school year, students are exposed to a variety of poems, essays, articles, short stories, and novels by prominent authors. Students learn how to determine the best evidence and support presented in a text, identify multiple themes in a text, and evaluate authors' choices when crafting a text.

Writing: Students continue writing a variety of essays to develop the skills related to argumentative, informative, and narrative writing. Students also explore a variety of creative writing projects.

Speaking/Listening: Students continue to hone both skills through a variety of class presentations, discussions, Socratic seminars, and argumentative debates.

Language: Students continue building SAT vocabulary lexicon and study grammar and usage rules that are deficient in student writing.

Prerequisites: English 9/Honors English I**Honors English II (1001350)****Credit:** One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

All Honors 2 students read the following novels:

Great Expectations - Charles Dickens

Pride and Prejudice - Jane Austen

Macbeth - William Shakespeare

Prerequisites: "B" average or better in English 9/Honors English I and teacher approval

English 11 (1001370)**Credit:** One (1) Credit

English 11 is a comprehensive American literature and composition course that is centered around the Common Core State Standards. Over the course of the school year, students read a multitude of short stories, poems, essays, articles, and novels by prominent American authors and evaluate the common features of texts from historical time periods. The composition portion of English 11 is designed to develop the students' ability to properly express themselves through argumentative, informative, and narrative projects. Throughout the course, students engage in a variety of discussions and debates to hone their speaking and listening skills.

Prerequisites: English 10/Honors English II**Writing for College Success (1001400)****Credit:** One (1) Credit

This course is designed to allow students to practice and further develop the skills that are required to be successful in college. Learning various note-taking methods, participating in both small and large groups discussions, and practicing a variety of presentations are some skills that aid student preparation. Each student must complete a Graduation Project that includes a research essay, a digital portfolio, and a presentation before a Graduation Panel. A majority of this project is completed during class time.

Prerequisites: English 11**AP English Literature and Composition (1001430)****Credit:** One (1) Credit

This rigorous, college-level class examines a variety of literature from 1500 to contemporary authors. A thorough study of fiction, nonfiction, poetry, and drama allows students to recognize the reading level and analysis required for the AP exam. Students also practice various forms and styles of formal (analytical, expository, argumentative, informative) and creative (narrative, poetry, drama) writing. All students taking this class will be encouraged to take the AP Literature and Composition exam at the beginning of May.

Prerequisites: "B" average or better in English 10 or 11/Honors English II or AP Language as well as teacher approval**AP English Language and Composition (1001420)****Credit:** One (1) Credit

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students

read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

Prerequisites: “B” average or better in English 10 or 11/Honors English II or AP Literature as well as teacher approval

Speech (1007300)

Credit: Half (1/2) Credit

Introduction to Speech is an elective, one semester course specifically designed to introduce students to the major elements of public speaking and communication with a minor emphasis on the elements of debate with multiple opportunities to immediately practice said elements. “Clear communication is critical to maintaining stable relationships and an orderly society. People rely on communication to understand one another and to avoid conflict. In the modern world, it is especially important to demonstrate good speaking skills in the work place. Employers value the articulate and confident employees who are able to work well with coworkers and impress clients. Those who express themselves well and convey clearly their needs more often achieve their goals. Whether one is arranging something as simple as a meeting with a friend or negotiating something as complicated as a global peace treaty, successful communication is essential to daily life” (Teacher’s manual for Essentials for Speech Communication). Christians naturally take this perspective one step further as they reflect on God’s commission to “make disciples of all nations.” Therefore, this course is designed to strengthen and build students’ confidence in their God-given skills and abilities to share his grace with everyone they meet.

Prerequisites: None

Developmental Writing (Applied Communication) (1001460)

Credit: Half (1/2) Credit

In Developmental Writing, students will examine the fundamental process, theories, and methods that they need to enhance their overall writing ability. Students will study various strategies for writing within multiple disciplines and professions, and will also examine the basic principles of effective college-level writing, including drafting and revising sentences, paragraphs, and essays. When students are done with this course, they will be better prepared to meet the basic writing requirements of academic English at a high school level.

Prerequisites: English Department Recommendation

SOCIAL STUDIES

World History (2109310)

Credit: One (1) Credit

This course traces the development of society today from creation through a constellation of relatively isolated regions in the 1500s to the global interdependence of the present-day. Emphasis will be placed on tracing the emergence of the interdependence between world regions--an interaction that was stimulated by the European invasions and colonization policies implemented around the world and sustained by the contributions of the non-western regions. Together these forces shaped the modern world. In analyzing and understanding global histories as inter-connected, students will pay close attention to the social, cultural, political, economic, demographic, and ecological implications of this history. Class lectures and readings will stress the issues of diversity, power imbalances, and the interactive workings of race, ethnicity, class, gender, and national variables. Though primarily a course in global history, this class will draw upon materials and pedagogical approaches from other disciplines, such as geography, literature, political science, and art.

Prerequisites: None

AP World History (2109420)

Credit: One (1) Credit

AP World History is a rigorous, college-level course designed to explore human history from its beginnings to the present. We will emphasize the development of analytical and writing skills necessary for success on a collegiate level. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of historiography (The principles, theories, or methodology of scholarly historical research and presentation) and inquiry into global connections that have shaped our present world. A special emphasis will be given to preparation for the National AP Exam, including historical writing through essay and document-based questions (DBQs) as well as objective evaluations.

Prerequisites: Teacher approval and demonstrated excellence in previous history courses.

United States History (2100310)

Credit: One (1) Credit

The purpose of this course is to expand the knowledge of the students pertaining to United States history. The primary content emphasis for this class is the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and impacted world history. In addition, a comprehensive review of early American history is included at the beginning of this course. Students will be exposed and engaged in higher-level critical thinking skills throughout the course while taking a detailed look at a variety

of important political, social, and economic issues encountered in the United States, both past and present.

Prerequisites: World History or equivalent class

AP United States History (2100320)

Credit: One (1) Credit

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and to apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

Prerequisites: "B" average or better in previous history course and teacher approval.

United States Government (2106310)

Credit: Half (1/2) Credit

United States Government is a one-semester course. Its goal is to foster the development of civic competence and civic participation for all students. In this course, students use both knowledge and analytical thinking skills to focus on the origins, structure, and functions of government at all levels in the nation. Emphasis is placed on intellectual factors that influenced the development of a republic based on the rule of law, freedom of opportunity, individual liberty, and representative democracy. The course also includes a detailed study of the Constitution of the United States and its provisions. Students go beyond the acquisition of facts to develop skills for collection, in-depth analysis, and interpretation of information important to the study of government. Students in this course will engage in analysis of primary sources, including those specific to the founding of the United States, speeches, landmark Supreme Court cases, and relevant political commentaries.

Prerequisites: United States History or equivalent course

Honors United States Government (2106320)

Credit: Half (1/2) Credit

Honor students will take the course along with students in United States Government. In addition to the course work of United States Government, honor students will be assigned literary works to read, synthesize, and report on what they have learned. The literary work body they process will support the themes of the course and build a higher degree of understanding of how the government of the United States came into being and operates today. Honor students will create a personal manifesto in regards to the topics covered in this

course. Higher standards will be established for daily work as well as for tests. The work of an honor student is expected to be professional in both content and delivery.

Prerequisites: “B” average or better in previous history course and teacher approval.

Economics (2102310)

Credit: Half (1/2) Credit

Economic decisions affect all people. Understanding economics means thinking about how scarcity, or limited resources, requires people to make choices and evaluate one option against others. In this course, students will recognize examples of economics in their daily lives. Students will see how the economic choices of larger groups, like businesses and governments, affect themselves and others. As students progress through the course, they will recognize that the costs and benefits of choices connect individuals and groups around the world. The purpose of this course is to help students become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.

Prerequisites: United States History or equivalent course

Honors Economics (2102320)

Credit: Half (1/2) Credit

Honor students will take the course along with students in Economics. In addition to the course work of Economics, honor students will be assigned literary works to read, synthesize, and report on what they have learned. These additional literary works will support the themes of the course and build a higher degree of understanding of how economics works in different types of governments. Higher standards will be established for daily work as well as for tests. The work of an honor student is expected to be professional in both content and delivery.

Prerequisites: “B” average or better in previous history course and teacher approval

Current Events (2109350)

Credit: Half (1/2) Credit

This world is constantly changing. Throughout this one semester course, students will examine political, economic, and social issues that influence everyone. Students will analyze and study complex issues, events, and situations and discuss how different reactions and decisions affect their future.

Requirement: 11th or 12th grade

Florida History (2100350)**Credit:** Half (1/2) Credit

Students are introduced to Florida history and use a regional approach to examine the geography and history of the State of Florida. The course also looks at the state's people, economy, resources, and geography. Students will study the structure and functions of state governments. In addition to developing content objectives of Florida history, language objectives are integrated throughout each lesson.

Prerequisites: ELL Program**Introduction to Psychology (2107300)****Credit:** Half (1/2) Credit

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

The content includes, but is not limited to, the following:

- major theories and orientations of psychology
- psychological methodology
- memory and cognition
- human growth and development
- personality
- abnormal behavior
- psychological therapies
- stress/coping strategies
- mental health

Requirement: 11th or 12th grade**Latin American History (2100360)****Credit:** Half (1/2) Credit

Students are introduced to Latin America by focusing on Mexico, Central America, the Caribbean, and South America. Students will use a regional approach to examine the physical geography. The course also looks at the history of Latin America from early civilizations to present. Students will examine the culture of Latin American and create an understanding of cultural similarities and differences between surrounding nations.

Prerequisites: ELL Program

Sociology**Credit:** Half (1/2) Credit

This course is designed to introduce students to the field of sociology, a discipline devoted to the study of social interaction and social organization. We will begin by discussing what sociology is, how sociologists do research, and the theories that guide the discipline. We will then substantively cover: socialization, culture, groups and societies, social class and inequality, race, collective behavior and social change.

Requirement: 11th or 12th grade**World Religions (2105310)****Credit:** Half (1/2) Credit

World Religions provides a systematic exploration of world views and religions to make sense of the tangle of information available today. To understand the world today, knowledge of the major world religions and worldviews, as well as their histories, is essential.

Requirement: 11th or 12th grade**MATHEMATICS****Math for Future Success (1200410)****Credit:** One (1) Credit

Mathematics is an integral part of every school's curriculum. In this course, students are given instruction that provides the necessary building blocks to continue math at the algebraic level. Course content includes detailed use of arithmetic operations, graphs, number sets, measurement, ratios, exponents, expressions, equations, development of algebraic skills, geometric manipulations, introduction to statistics and probability, and applications to life through real-world story problems. Through successful completion of this course, students will be prepared to advance to Algebra 1 or an equivalent course.

Prerequisites: None**Algebra 1 (1200310)****Credit:** One (1) Credit

In this course, students are given instruction in all of the algebraic concepts and will have a mastery of such material. Course content includes complex use of arithmetic operations, graphs, number sets, measurement and conversions, ratios, exponents and roots, detailed expressions, complex equations, trigonometry and logarithms, advanced geometric manipulations, statistics and probability, as well as applications to life through real-world story

problems. Through successful completion of this course, students will be prepared to advance to Algebra II, Geometry, or an equivalent course.

Prerequisites: “C” average or better in Pre-Algebra or an equivalent class

Honors Algebra 1 (1200320)

Credit: One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Prerequisites: “B” average or better in Pre-Algebra or an equivalent class and teacher approval

Geometry (12006310)

Credit: One (1) Credit

Geometry is an important component of every high school mathematics curriculum. Course content includes perspective, space, dimension, application and calculation of measurements, and an introduction to trigonometry. Students will use their own logic along with key geometry theorems to create proofs and constructions. Through successful completion of this course, students will be prepared to advance to Algebra II or Honors Pre-Calculus and Trigonometry (if Algebra II has already been successfully completed).

Prerequisites: “C” average or better in Algebra 1

Honors Geometry (1206320)

Credit: One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Prerequisites: “B” average or better in Algebra 1 and teacher approval

Algebra 2 and Pre-Trigonometry (1200330)

Credit: One (1) Credit

A mastery of advanced algebraic concepts is critical for success in mathematics at a more advanced level. In this course, students complete mathematics instruction at the algebraic level. Course content includes work with graphs, number sets, and various modes of

measurement and conversions, as well as statistics and probability. In addition, students develop mastery in the areas of simplifying expressions, solving equations, and geometric manipulations. Algebra 2 focuses heavily on the use of the quadratic formula, logarithms, trigonometry, and making connections to everyday life through real-world story problems. Through successful completion of this course, students will be prepared to advance to Geometry, Honors Pre-Calculus and Trigonometry, or an equivalent course.

Prerequisites: "C" average or better in Geometry

Honors Algebra 2 and Pre-Trigonometry (1200340)

Credit: One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Prerequisites: "B" average or better in Geometry and teacher approval

Advanced Algebra with Financial Applications (1205540)

Credit: One (1) Credit

Advanced Algebra with Financial Applications is an advanced course incorporating real world applications, collaboration, and calculations using technology. Upon completion, students will know the formulas used to determine their account balance, monthly payments, total costs, and more. This knowledge will propel students into the future with a good foundation on how to handle their finances.

Prerequisites: "C" average or better in Geometry or equivalent class

Honors Pre-Calculus & Trigonometry (1202340)

Credit: One (1) Credit

This course fully integrates topics from algebra, geometry, trigonometry, discrete mathematics, mathematical analysis, and calculus. Word problems are developed throughout the problem sets and become progressively more elaborate. With regular practice, students will be able to solve challenging problems such as rate problems and problems involving abstract quantities. Conceptually oriented problems help prepare students for college entrance exams such as the ACT and SAT. This course will prepare students to enroll in AP level courses such as calculus and/or statistics.

Prerequisites: "C" average or better in Algebra 2 & Pre-Trigonometry

AP Calculus (1202310)**Credit:** One (1) Credit

Calculus deals with calculating and exploring things that change at variable rates. The major concepts of calculus include limit, derivative, and integrals. In addition to these major concepts, students will successfully highlight numerous subtopics and methods as listed in the Calculus AB Topic Outline in the AP Calculus Course Description. Students will explore each concept in four different ways: graphically, numerically, algebraically, and verbally emphasizing the connections and applications. This class will prepare students for the Advanced Placement Calculus AB exam in which students may earn college math credit.

Prerequisites: “B” average or better in Honors Pre-Calculus & Trigonometry**AP Statistics (1210320)****Credit:** One (1) Credit

AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The major concepts of statistics include: exploring data: describing patterns and departures from patterns, sampling and experimentation, planning and conducting a study, anticipating patterns, exploring random phenomena using probability and simulation, statistical inference, estimating population parameters and testing hypotheses. Students will successfully apply these topics and subtopics to real world application of statistics through project based inquiries. Students will utilize statistical equations along with statistical software to make statistical models and conclusions. This class will prepare students for the Advanced Placement Statistics exam in which students may earn college math credit.

Prerequisites: “B” average or better in Algebra II

SCIENCE

Biology (2000310)**Credit:** One (1) Credit

Biology is a course designed to provide exploratory experience, laboratory investigation, and real life application in the field of biological sciences. The following are some of the major themes this biology course will include: the nature of life, the study of ecology, cells, genetics, the secular world’s view of evolution and a Christian’s view of the world in light of God’s word, microorganisms, plants, animals, and the human body.

Prerequisites: Earth and Space Science or equivalent course

Honors Biology (2000320)**Credit:** One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Prerequisites: "B" average or better in previous science course and teacher approval**Introduction to Chemistry (2003310)****Credit:** Half (1/2) Credit

Introduction to Chemistry is the beginning study of the structure of matter and the changes it undergoes. This course is designed to serve as a foundation for the study of chemistry and emphasizes the order of God's creation and how man has applied his understanding to solve problems and use materials in modern society. Topics include matter, atomic theory, materials, and chemical reactions. The utilization of scientific inquiry, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments aid students in ultimately demonstrating a deeper understanding of the importance of chemistry in the world around them.

Prerequisites: None**Introduction to Physics (2003310)****Credit:** Half (1/2) Credit

This course is the beginning study of the fundamental concepts of physics. Introduction to Physics is a Christian approach to science and the world around us. Topics include the science of physics, motion in one dimension, two-dimensional motion, forces and the laws of motion, work and energy, momentum and collisions, fluid mechanics, light and reflection. This class will be conducted through laboratory experiments and problem solving activities, reinforced with class discussion.

Prerequisites: None**Chemistry (2003340)****Credit:** One (1) Credit

Chemistry is the study of the structure of matter and the changes it undergoes. This course provides students with the fundamentals of modern chemical theory and emphasizes the wisdom of God in creating matter, the complexity and order of His Creation, and how man has

applied his understanding to solve problems and use materials in modern society. Topics include modern atomic theory, stoichiometry, thermodynamics, equilibrium, and nuclear chemistry. The utilization of scientific inquiry, interactive experiences, higher order thinking, collaborative projects, real world application through labs, and a variety of assessments all aid students in ultimately demonstrating a deeper understanding of the importance of chemistry in the world around them.

Prerequisites: Algebra 1 and Intro to Chemistry

Honors Chemistry (2003350)

Credit: One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Prerequisites: "B" average or better Algebra 1 and Intro to Chemistry, as well as teacher approval

Physics (2003380)

Credit: One (1) Credit

This course provides students with a modern view of the fundamental concepts of physics. Topics students investigate include Newtonian mechanics, energy, fluid mechanics, thermodynamics, electricity and magnetism, waves and optics, and atomic and nuclear physics. This class will be conducted primarily through inquiry-based laboratory experiments and problem-solving activities, reinforced with class discussion. Students should be prepared to devote a significant amount of time to working on problem sets, writing lab reports, and reading outside of class. It is expected that students taking this course will have strong algebra skills.

Prerequisites: "C" average or better in Algebra 2 & Pre-Trigonometry, Intro to Physics

Honors Physics (2003390)

Credit: One (1) Credit

In addition to the core course description, honors/advanced courses offer various learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they develop and demonstrate their skills through participation in more advanced coursework, projects, and/or other forms of evaluation.

Prerequisites: "B" average or better in Algebra 2 & Pre-Trigonometry and previous science course, as well as teacher approval, Intro to Physics

Anatomy & Physiology (2000350)

Credit: Half (1/2) Credit

This advanced science elective is an in-depth exploration of the many interworking parts of the human body and their functions. The course focuses on anatomical terminology, identification, and the physiological processes of the human body systems. Students enrolled in the elective are expected to allocate an extensive amount of time, effort, reading, and memorization into their studies. For students interested in continuing into the medical sciences, this course is strongly encouraged.

Prerequisites: Biology

Environmental Science (2001340)

Credit: Half (1/2) Credit

Environmental scientists search for viable solutions to environmental problems, solutions that are based as much as possible on solid scientific knowledge. This course is designed to immerse students in the physical, biological, and earth systems sciences that shape our environment. Scientific concepts, scientific principles, and modern science practices allow students to analyze environmental issues, both natural and human-induced, and engage in evidence-based decision making in real world contexts.

Prerequisites: None

Forensic Science (2002480)

Credit: Half (1/2) Credit

Forensic Scientists use a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. In this course, students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

Prerequisites: None

Introduction to Engineering Design (STEM Program) (8743020)**Credit:** One (1) Credit

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work.

Prerequisites: Admittance to STEM Program**Principles of Engineering (STEM Program) (8743030)****Credit:** One (1) Credit

Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Prerequisites: Admittance to STEM Program and Introduction to Engineering Design**Computer Science and Software Engineering (0200320)****Credit:** One (1) Credit

Open doors in any career with computer science! In CSE, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Students collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world.

Requirement: STEM Program**Zoology (2000410)****Credit:** Half (1/2) Credit

This science elective serves as an introduction to the animal kingdom with an emphasis on the principles of animal diversity and behavior in the natural environment. Students will focus on diverse body types of the different animal species and explore their role in the ecosystem.

Prerequisites: Biology

COURSE DESCRIPTIONS- ELECTIVES

FOREIGN LANGUAGE

French I (0701320)

Credit: One (1) Credit

This course focuses on developing communicative skills in French language as well as cultural knowledge about the French speaking world. Speaking and listening comprehension will be achieved thanks to communication through exercises of pronunciation, vocabulary, grammar, and construction of basic sentences. The class will develop students' knowledge in the application of daily, real-life situations, which will lead to meaningful conversation in French.

Prerequisites: None

French II (0701330)

Credit: One (1) Credit

French II is designed to build on the language acquired in French I as vocabulary is expanded and more difficult grammatical concepts are introduced. Meaningful communication is emphasized in both oral and written work. There is also a stronger cultural component, which exposes students to the geography and some of the cultures of the French-speaking world.

Prerequisites: French 1

Latin I (0706300)

Credit: One (1) Credit

Latin is a great way to improve one's command of the English language. This course will also acquaint students with Olympic gods and with the everyday life of the Roman man-in-the-street. It will set their feet on a journey as big as their imagination with a passport to some of the world's most exciting places. To understand the English language thoroughly, it is a great advantage to have a knowledge of Latin, which also provides an ideal foundation for studying Romance languages. Latin I consists of fundamental Latin vocabulary and grammar, woven into an introduction of classical culture.

Prerequisites: None

Latin II (0706310)

Credit: One (1) Credit

In Latin II, the plots and the characters that populated ancient Rome come alive. Students further explore the Latin language, unveiling epic history and culture through the story of the life of Roman families. History-changing battles, great poets and statesmen, classic art, engineering, law, commerce, architecture, and a language that was heard throughout most of the known world will be the focus.

This course will give students a solid grounding in the structure of Latin: a clear, expressive, and flexible language in which they will be able to communicate. In the process of building on their knowledge of Latin grammar and vocabulary, they will sense the beauty of the language and the passion of those who spoke it. A series of texts and dialogues enriched by original extracts of prominent authors such as Vergil will allow them to discover the multiple traditions within the historical and geographic scope of the Roman Empire. Students will trace the multicultural influences of those traditions in subsequent epochs of history.

Prerequisites: Latin

Spanish I (0708340)

Credit: One (1) Credit

Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and limited writing. There are two main objectives to the course. The first is to give students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Prerequisites: None

Spanish Language and Culture (0708360)

Credit: One (1) Credit

This college-preparatory course is for students that speak and write Spanish at native or near native speaker fluency. In this first level of the Spanish for Spanish-speakers program, the student will develop their reading, listening, writing, and speaking skills in Spanish. Students will study Hispanic history and culture, as well as the political and socio-economic issues facing the Spanish-speaking world. In this class, the student will be introduced to the study of grammar and literature of the Spanish language. The student will be expected to participate orally through debates, oral presentations, demonstrations, speeches and student lectures. Writing assignments for this course will focus on the advanced paragraph and the three-paragraph essay. The differences between formal and informal language, both oral and written, will be stressed throughout the year.

Prerequisites: Ability to understand and speak Spanish at native or near native speaker fluency.

PHYSICAL EDUCATION

Lifetime Sports (1501310)

Credit: Half (1/2) Credit

This curriculum will highlight the significance of lifetime physical fitness, leisure time activities and sportsmanship. Lifetime Sports activities will focus on court and field games. Examples of

these activities include: ultimate frisbee, frisbee golf, badminton, volleyball, basketball, soccer, archery, golf, pickle ball and bowling. This class will also stress the importance of performance, sportsmanship, and rules and regulations.

Prerequisites: None

Personal Fitness/Health (1501300)

Credit: Half (1/2) Credit

Personal Fitness/Health will consist of individual physical fitness training that focuses on an active and healthy lifestyle through activities designed to teach students a number of different activities and exercises that can be utilized and pursued on an individual basis as part of an active, healthy lifestyle. Health will cover a multitude of topics ranging from the importance of physical fitness, nutrition, and self-image, to healthy Christian relationships. Each topic discussed will be focused on how Christ wants his people to view their bodies and how they have a responsibility to take care of it.

Prerequisites: None

Team Sports/Health (1503350)

Credit: Half (1/2) Credit

Team Sports/Health is a class that explores team-building concepts as well as individual physical skills. This class takes the individual skills and incorporates them into various games and team sports played in class. Students will focus on learning games that can be played as part of an active lifestyle both now and for their entire lives. The health component focuses on the dangers of illegal drugs and substances. Students will study a number of different illegal drugs and their negative effects. They will see the healthy and God-pleasing benefits of saying no to drugs and the positive impact this decision will have on their health.

Prerequisites: None

Strength and Conditioning 1 (1501340)

Credit: Half (1/2) Credit

Strength and Conditioning 1 will provide students an opportunity for development of strength and conditioning for various sports and fitness-related activities. Free weights, exercise machines, and conditioning activities will be incorporated to promote improvement in strength, endurance, balance, agility, and speed. Students will be taught the proper technique for basic core lifts and safety procedures and guidelines for weight room use. A plan to develop and achieve goals will be implemented and followed during this one semester course.

Prerequisites: None

Strength and Conditioning 2 (1501350)

Credit: Half (1/2) Credit

Strength and Conditioning 2 will provide students an opportunity for development of strength and conditioning for various sports and fitness-related activities. Free weights, exercise machines, and conditioning activities will be incorporated to promote improvement in strength, endurance, balance, agility, and speed. Students will follow safety procedures and guidelines and expand the core lifts learned in Strength and Conditioning 1 while learning more detailed lifts and exercises that target core groups of muscles more effectively. A plan to develop and achieve goals will be implemented and followed during this one semester course.

Prerequisites: Strength and Conditioning 1

Fine Arts

Art I (0100330)

Credit: Half (1/2) Credit

This is an introductory art course focusing on the study of early Civilizations through the Middle Ages and the emergence of Gothic Art. Students are encouraged to identify aesthetic qualities and respond to the characteristics of individual works of art through the eyes of an art critic or art historian. Basic knowledge about the elements and principles of art is applied in the activities related to a lesson that has been learned. Students have opportunities to apply media, techniques, and processes to their own artworks as well as to communicate ideas and feelings through art.

Prerequisites: None

Art II (0100340)

Credit: Half (1/2) Credit

This is an introductory art course where artworks are introduced within the context of historical periods. Art History from Renaissance through 20th Century is studied in a sequential order. Students are encouraged to read about art, apply their art critic skills to examine and judge a work of art, being an Art Historian, and create art. Basic knowledge about the elements and principles of art is applied in the activities related to a lesson that has been learned. Students have opportunities to apply media, techniques, and processes to their own artworks as well as to communicate ideas and feelings through art.

Prerequisites: Art I

Ceramics I & II (DTEL141)

Credit: Half (1/2) Credit

This class is designed for students that have an interest in working with clay. It gives them experience in making functional as well as sculptural pieces using a variety of techniques. Well-thought forms, designs, and functional uses along with good artisanship are emphasized.

Prerequisites: none

Choir I (1303300)

Credit: 1 Credit

This is a performance-based class open to any interested students in grades 9-12. Students will explore a variety of genres as they develop choral skills and proper vocal technique. It is strongly recommended that students take Music Theory I and II in conjunction with their first year of choir or before joining choir.

Prerequisites: None

Creative Photography (0108310)

Credit: Half (1/2) Credit

What does it take for a photographer to capture that iconic moment? How do they present a visual story? In this course, students will learn and apply basic camera skills, understand the past and present uses of photography, appropriately analyze and critique professional and amateur photography, and apply the fundamentals of art and design in their own photography projects. Students will create their own photographic portfolios that showcase their coursework. This course will also introduce students to editing and design programs in the Adobe® product suite, as well as online photo tools. Students will need access to a digital camera (preferably DSLR) for the duration of the course.

Prerequisites: None

Music Theory I (1300300)

This course serves as an introduction to music theory and choral singing for any interested students in grades 9-12. The class uses various resources to teach basic music theory, proper vocal technique, and sight-singing skills in preparation for singing in a choir or playing in an instrumental ensemble. Students do not need any prior experience in singing.

Credit: Half (1/2) Credit

Prerequisites: None

Music Theory II (1300310)

This course builds on skills developed in Music Theory I. Students will broaden their musical vocabulary and understanding of music theory as they research a variety of genres, styles, and individual musicians. Students will continue to use proper vocal technique and sharpen their sight singing abilities in preparation for singing in a choir or playing in an ensemble.

Credit: Half (1/2) Credit

Prerequisites: Music Theory I or previous experience

Painting I / Painting II (0104370)

Credit: Half (1/2) Credit

This basic drawing and painting class is designed to introduce new students to the skills required to accurately render what they see. It is also an opportunity for the more advanced artist to gain some visual and creative practice in drawing and painting that will enhance any artistic endeavor. The objective of this class is to provide the “tools” necessary to draw and paint with confidence and to develop within the students the ability to see the world as an artist. Assignments will lead the student to express their own individual creativity.

Prerequisites: None

Speech

See English

Theater I – Explorations in Theater (0400350)

This course develops an introductory appreciation for theater through project based explorations of the various components of story in performance. Students examine topics of story development including genre, style, structure, purpose and cultural context, as well as the roles of the collaborative artists responsible for a theater production. Participating in exercises such as improvisation and scene work, students will demonstrate understanding of the content while increasing their appreciation of theater.

Credit: Half (1/2) Credit

Theater II – Explorations in Theater (0400350)

This course develops an appreciation for the various expressions of story in both performance and production. Students study theater from the point of view of both performer and audience members. Theater II students participate in project based explorations involving improvisation, pantomime, monologues, and scene work to develop and demonstrate their skills as collaborative artists.

*Theater I is not a pre-requisite for this course.

Credit: Half (1/2) Credit

Prerequisites: None

APPLIED ARTS

Digital Video Production I (8772410)/II (8772420)**Credit:** Half (1/2) Credit

This course will focus on the fundamentals of filming, editing, and publishing with digital video. Students will cover camera and equipment usage basics, production planning and storyboarding, interview and script preparation, and post-production using audio, video, and graphics. Video Production I students will plan and produce short video segments such as news interviews and commercials. Video Production II students will work on longer projects such as documentaries and short films.

Prerequisites: Video Production I – None/Video Production II – Video Production I**Introduction to Engineering Design (0103330)****See Science****Marketing (8827110)****Credit:** Half (1/2) Credit

This class presents an overview of marketing--the business operations that connect a product or service to its user. Students will learn skills and concepts such as the four P's of marketing, channels of distribution, sales, customer service, advertising and promotion. They will practice communications and human-relations skills. Student leadership development and employment skills are integrated into this class.

Prerequisites: None**Web Design (9001110)****Credit:** Half (1/2) Credit

Nearly anyone can put a website online today, but a well designed website is what attracts and maintains web traffic. This course will teach students the basics of website layout and design through a hands-on approach. Students will use Adobe® Dreamweaver® and other products in the Adobe® suite. This course will also introduce students to basic HTML coding.

Prerequisites: A basic computer applications/keyboarding course is strongly recommended

GENERAL ELECTIVES

Accounting (8203310)**Credit:** Half (1/2) Credit

All businesses, foreign or domestic, sole proprietorships or multimillion-dollar corporations, use financial information. Accounting in business is the process of planning, recording, analyzing, and interpreting that financial information. This elective course will introduce students to various aspects of accounting: the meaning and design of basic financial statements, the

classification and recording of information, the analyzing of financial statements, the decision-making process, the use of ethics in making business decisions, and different career fields in accounting and the financial industry.

Prerequisites: None

AP Computer Science Principles (0200325)

Credit: Half (1/2) Credit

This course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. The course will focus on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives.

Prerequisites: A basic computer applications/keyboarding course is strongly recommended

Business Law and Ethics (2105350)

Credit: Half (1/2) Credit

Students will study and discuss modern issues in business ethics and how they relate to the legal environment. By examining real cases, students will participate in lively debates on relevant and controversial topics. Issues such as workplace discrimination, whistleblowing, worker rights, sustainability, product liability, privacy and technology, and intellectual property will be analyzed and discussed.

Prerequisites: None

Careers and Higher Education (1700380)

Credit: Half (1/2) Credit

There are three main questions that will be answered throughout this course:

"Who am I?"

"Where do I want to go?"

"How am I going to get there?"

Students study their own personal traits, learning styles, conflict resolution styles, and multiple intelligences, and personality types. In this course, students will be research future careers they may be curious about as they complete a wide variety of activities regarding their future career choices. They will find specific information on careers including education requirements, job outlook, and salary. Finally, students will identify college programs that will provide the education needed to pursue their individual goals. Students will also work on filling out applications, cover letters, and resumes to enable them to find career placement in the future. Students will also establish budgets to plan for sustainable futures.

Prerequisites: None

Computer Science and Software Engineering (0200320)

See Science

Requirement: STEM Program

Critical Thinking Skills with Chess (1700372)

Credit: Half (1/2) Credit

This course involves the study of the game of chess. Emphasis on advanced calculation through math and spatial recognition will be made and applied to chess. Critical thinking and memory development through problem solving will be fostered. The development and history of chess will also be discussed. Through this course, students will build on the following skills: advanced problem solving, abstract thinking, visualizing ideas, judging multiple considerations simultaneously, and developing memory. Finally, students completing this course will earn tournament director certification status.

Prerequisites: None

Critical Thinking Skills with Chess II (1700374)

Credit: Half (1/2) Credit

Critical thinking is important in every aspect of students' lives. Planning, analysis, foresight, concentration, problem solving, and learning that everything has a consequence is how life imitates chess. This elective course is designed to teach students how they can integrate critical thinking and chess into their daily lives and by doing so improve every aspect of their life.

Prerequisites: Critical Thinking Skills with Chess I

Entrepreneurship

Credit: Half (1/2) Credit

Entrepreneurship focuses on the concepts and activities behind beginning, owning, and operating your own business. Students will learn to assess various economic environments and develop a business plan that meets a particular market need. Topics that will be studied include the steps needed to create a business, the marketing of a business, and selecting the proper type of ownership. Strategies used to manage finances, operations, human resources, and risk will also be presented and investigated.

Prerequisites: None

Foundations of Journalism (8771110)**Credit:** Half (1/2) Credit

This course will cover many of the forms of media in today's society including print, broadcast, and digital media. Students will learn the history of journalism and the purposes of its various forms. Discussion of the rights journalists have under the First Amendment will also include a look at their ethical responsibilities. Students will learn how to write for the different forms of media this class covers and will produce projects in these various media formats. Hands-on experience will be gained in the interviewing, writing, editing, and publishing processes.

Prerequisites: None**Introduction to Coding (9007220)****Credit:** Half (1/2) Credit

Computer programming, or coding, is a common theme running through many technology-based fields. Students who possess even a basic understanding of the programming process will be better poised to enter a technology-filled workplace. This course will introduce students to the foundations of coding and logical thinking. Through a variety of settings and coding languages, students will gain experience in planning and creating programs, use specific programming processes, and effectively test and debug programs.

Prerequisites: A basic computer applications/keyboarding course is strongly recommended**Journalism I (1006300)/Journalism II (1006310)/ Journalism III (1006320)****Credit:** One (1) Credit

This course will provide practical knowledge and experience in the field of journalism. Students will be part of the school's student media group, *Network 58*. This group will produce content on a regular basis across a variety of platforms. Focus areas include journalistic and editorial writing, visual layout and graphic design, journalistic photography and videography, audio/video editing, and production needs. Students enrolled in Journalism II/III will continue to grow in their abilities and be expected to be leaders in the class. Editorial positions will be given to students who have demonstrated potential and leadership. After school working time may be necessary to meet required deadlines.

Prerequisites: Foundations of Journalism and teacher approval/Journalism I/II as appropriate**Principles of Engineering (STEM Program) (8743030)****See Science**

DIVINE SAVIOR ACADEMY ACADEMIC PROGRAMS

ELL Program

Divine Savior Academy offers an English Language Learners (ELL) program for students who have no prior English instruction. The primary objective of the ELL program is to provide students with instructional support that will enable them to fully participate in their educational environment. The ELL program is designed to develop competency in English as rapidly as possible in order to provide a language base for DSA's rigorous curriculum. The program focuses on developing proficiency in reading, writing, listening and speaking as the student progresses through the various stages involved in learning a new language.

Schedule

Period	8 th Grader	9 th Grader
1	Electives	Study Hall
2	Electives	New Test.
3	For Lang/PE	Eng 9-ESOL
4	Math	History
5	Study Hall	Math
6	New Test.	Study Hall
7	Eng 8-ESOL	For Lang
8	History	PE

Summer following 9th grade – 1 semester science elective (.5 credit) on FLVS

Summer following 10th grade – 1 semester science elective (.5 credit) on FLVS

10th grade will begin SS cycle with World History followed by American History and US Government/Economics

10th grade will begin Science cycle with Biology followed by two more science credits (Intro to Chem and Physics, Chemistry, Physics, etc.)

Electives will be available in 10th, 11th, and 12th grade.

ELL tuition is \$3000 in addition to the standard tuition and fees in order to cover additional staffing and materials to provide this unique educational opportunity.

AP Program*

The AP Program recognizes high school students who have demonstrated outstanding college-level achievement through AP courses and exams with the AP Scholar Awards. Although there is no monetary award, each award-winning student receives a certificate, and the award is acknowledged on any AP score report that is sent to colleges after the award has been conferred.

AP Recognitions:

AP Scholar – Students that earn a 3 or higher on 3 or more AP Exams.

AP Scholar w/ Honors – Students that earn a 3 or higher on 4 AP Exams with a 3.25 or better average on all exams.

AP Scholar w/ Distinction – Students that earn a 3 or higher on 5 AP Exams with a 3.5 or better average on all exams.

AP Capstone - AP Capstone is an innovative diploma program that provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for successful college completion. AP Capstone is built on the foundation of two courses — AP Seminar and AP Research — and is

designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

Note: Students that complete the Advanced Placement Standards to be an AP Scholar designation will be recognized. Those who satisfy the Advanced Placement Capstone criteria will receive an AP Capstone Diploma.

AP + Project Lead the Way Recognition – This College Board recognition is awarded to students that participate in a pathway that connects AP and PLTW courses to prepare students for STEM career fields. Students must complete a minimum of three courses that include Introduction to Engineering Design and at least one AP course (must pass the AP test). The last class can be an additional PLTW or AP course.

STEM – Project Lead the Way Scholar*

PLTW Engineering is a nationally-recognized high school engineering program. A unique program that applies engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation. Students that complete 3 credit hours in the Project Lead the Way Program will receive a designation. Students that complete 4 credit hours in this program will receive a STEM Diploma.

Pre-professional Business*

The Pre-professional Business program will prepare students for a successful career in a business or professional field by introducing them to the foundations of business, including financial accounting, marketing, business law and ethics, and entrepreneurship. Students will learn how to set goals, develop business plans, create and analyze financial documents, and communicate effectively with others on a professional level. By studying and discussing actual businesses and current events and issues, students will be well-versed in contemporary opportunities and challenges faced by business professionals.

Students must complete 3 credit hours in the business field. Courses that may satisfy this requirement include Accounting I and II, Marketing, Entrepreneurship, Algebra II with Financial Implications, Business Ethics, Creative Photography, or Video Production. A maximum of .5 credits may be applied from fine or applied arts courses as previously identified.

Pre-professional Mass Media*

The Pre-professional Mass Media program provides students with a diverse skill set in the fields of journalism and communications. Throughout the program, students will be given the opportunity for practical hands-on experiences that incorporate academic skills into real life situations. Depending on classes chosen, students will work in the areas of journalistic reporting, writing for different platforms, layout and graphic design, video editing and

production, photojournalism, and website design and programming. Students will gain historical knowledge of journalism and discuss ethical situations faced in these fields.

Students must complete 3 credit hours in the Mass Media field. Courses that may satisfy this requirement include Foundations of Journalism, Journalism, Digital Video Production, Creative Photography, and Web Design.

Pre-professional Information Technology (IT)*

The Pre-professional Information Technology program fosters a variety of foundational skills across the field of information technology. The content includes, but is not limited to, computer application skills, computer hardware, software applications, web applications, computer programming, web page design and advanced web tools, systems support and maintenance, network concepts, multimedia tools, cybersecurity, and strategies for success including goal setting, organizational skills, employability skills, and effective collaboration and communication. Students will be able to apply a broad cross section of these skills in many areas of the IT field and beyond.

Students must complete 3 credit hours in the IT field. Courses that may satisfy this requirement include Introduction to Coding, Web Design, AP Computer Science and Principles, Computer Science and Software Engineering, Creative Photography, and Digital Video Production. A maximum of .5 credits may be applied from the fine or applied arts courses as previously identified.

Pre-professional Science*

The Pre-professional Science program will prepare students for success in continued study in the disciplines of science and for the wide potential of careers in related fields. Students will develop the foundation of scientific thinking through identifying science-related problems, engineering solutions, implementing problems-solving skills, using strong data analysis, and communicating scientific information effectively. Through the rigor and variety of science branches studied, students will command the sense of scientific literacy necessary for professionals in a scientific field of study.

Students must receive an A- or better in the following science courses; Biology, Chemistry, and Physics. Additionally, they must receive an A- or better in all of their math coursework to include AP Calculus and AP Statistics.

Pre-professional Fine Arts* – Music, Theater, Art

The Pre-professional Fine Arts program will prepare students for success in continued study and work in the artistic career fields. Students will be encouraged to develop artistic skills to support them in their appropriate areas of study.

Students must complete 3 credit hours in music, 3 credit hours in theater, or 3 credits in Creative Art to include Art Theory, Creative Photography, Painting, Pottery, Marketing, Video Production, or Web Design.

* - Students that participate in the programs identified with an asterisk will receive a commendation on their diploma for successfully completing the identified program (beginning with the class of 2017).

ONLINE COURSES

Divine Savior Academy encourages students to take advantage of the opportunities available through online coursework. All courses require prior approval from the administration, and only specific courses will be allowed to count towards meeting graduation requirements for Divine Savior Academy. All outside coursework is considered independent study and is not directly supervised by school personnel. Florida Virtual School is a free service offered by the State of Florida, but registration in the Fall and Spring is on a first-come, first-serve basis, and space may be limited. Courses typically take 18 weeks per semester to complete, but self-motivated students may need slightly less time. It is the student's responsibility to initiate registration and enrollment with FLVS through www.flvs.net. To enroll in a course the following must occur:

- 1) Student fills out Application for Admissions online including: Student Profile, Guardian Profile, Agreement w/ Academic Integrity Statement, Academic Profile, Agreement with Code and Conduct.
- 2) Student requests course(s) online
- 3) Parent/Guardian approves course(s) online
- 4) School Administration approves course(s) online
- 5) Only classes replacing a DSA requirement will impact the cumulative GPA.

After a student has registered, they are assigned a classroom when space becomes available and the contacted by the teacher. At that point, they are activated in the course and can begin the work. When the student has completed the course, they must notify the School Administrator so that a transcript can be printed and placed in their file.

In some cases students enrolled in online courses may need to have tests proctored by a DSA faculty member.

DUAL ENROLLMENT

Divine Savior Academy has dual enrollment agreements with Miami-Dade College and Florida International University for those students who receive approval from the Administration and the applicable Department Chairperson. Dual enrollment is generally available to students who maintain an exemplary GPA and demonstrate high academic aptitude. However, effective July 1st, 2013, due to recent changes in state legislation, students will be responsible for the per credit hour cost of dual enrollment. Students may apply for dual enrollment at Miami-Dade College or Florida International University with the college counselor. Dual enrollment cannot impede graduation requirements for DSA nor can a student have dual enrollment affect more than one class period.

- 1) Sophomore students who receive approval from the administration may take up to one dual enrollment class at a time.
- 2) Junior students who receive approval from the administration may take up to two dual enrollment classes at a time.
- 3) Classes will appear on a student's transcript.

- 4) Only classes replacing a DSA requirement will impact the cumulative GPA.

Divine Savior Academy also has a dual enrollment agreement with Bethany Lutheran College. Classes will be available through them online during corresponding semesters. If students take dual enrollment courses during the school year, a study hall period will be given to the student to complete the course. The courses must be completed in order to receive credit.

Students may apply for dual enrollment at Bethany Lutheran College with the Academic Dean.

Bethany's dual credit courses offer high school students great savings in time and money by providing both high school and college credit through online classes taught by Bethany Lutheran College faculty. High school students take collegiate-level courses that can be accessed at any time during their high school day or in the convenience of their home.

Dual credit courses are one semester long (concurrent with the Bethany academic calendar) and are normally priced at \$360 per credit. However, students that attend a **Bethany Advantage Partner School** are eligible for the **Bethany Advantage Grant*** allowing qualified high school students to take courses at just \$75 per credit.

The Bethany Advantage Scholarship: Any student taking courses through the **Bethany Advantage Grant** program who then enrolls as a full-time student at Bethany after high school is eligible to have the entire cost of those courses taken through the **Bethany Advantage Grant** credited towards their tuition cost during the first semester of full-time attendance. This credit will appear in the form of a tuition scholarship making the net cost of the courses taken through the **Bethany Advantage Grant** program \$0. - <http://www.blc.edu/high-school-dual-credit-courses>

FIRST TIME STUDENTS ONLY

1. Complete the Bethany Lutheran College application form. Follow this link to complete the application: blc.edu/apply
2. Have an official copy of your high school transcript sent to Bethany Lutheran College.

ALL STUDENTS

3. Print out and complete the Dual Credit Student Contract. A parent or guardian must sign the form.
4. Give the completed Dual Credit Student Contract to your Academic Advisor or Guidance Counselor.

Course Available – Go to blc.edu to find out more

General Psychology (PSYC 110 - 4 credits) | FALL '16; SPRING '17; SUMMER '17

College Algebra (MATH 111) - 4 credits | FALL '16; SPRING '17; SUMMER '17

American Government (PLSC 105) - 3 credits | FALL '16; SPRING '17; SUMMER '17

Statistics (MATH 120) - 3 credits | FALL '16; SPRING '17; SUMMER '17

Introduction to Mass Media (COMM 240) - 3 credits | FALL '16; SPRING '17

College Writing I (ENGL 110) - 3 credits | FALL '16; SPRING '17; SUMMER '17

Introduction to Fiction (ENGL 205) - 3 credits | FALL '16; SPRING '17; SUMMER '17

Music Appreciation (MUSIC 102) - 3 credits | FALL '16; SUMMER '17

History of USA I (HIST 207) - 3 credits | FALL '16

History of USA II (HIST 208) - 3 credits | SPRING '17