

Des Moines Christian High School

HS Course Guide

This course guide is based on the current offerings at Des Moines Christian School as of fall 2018. Course offerings are subject to change based on annual policy review by the Board of Directors. Curriculum reviews may add/delete programs or update course objectives, resources, and descriptions.

This information can be used each winter/spring as students/parents plan for the upcoming school year with their Guidance Counselor. The planning is based on our best estimate for course offerings. When changes occur, families will be notified in a timely manner to consider other course options.

Early Bird courses, currently Fitness P.E., Victory and Jazz Band, earn 0.5 credits per year, which is based on the number of instructional hours. All other courses earn 1 credit per semester, unless otherwise noted.

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GRADUATION REQUIREMENTS .. from Board Policy 605.4

In order to receive a high school diploma from DMCS a student must earn a total of 56 credits. Unless otherwise stated, classes at DMCS earn 1 credit per semester.

Graduation requirements approved by the Board are as follows:

English	8 credits
Social Studies/History/Civics	6 credits
<i>(American Government and Economics are required)</i>	
Science	6 credits
Mathematics	6 credits
Physical Education	2 credits
Health	1 credit
Speech	1 credit
Fine Arts	1 credit
Technology	2 credits
Bible	8 credits
<i>(one course for each semester in attendance at DMCS)</i>	
Electives	15 credits

HIGH SCHOOL COURSE GUIDE

This guide is organized alphabetically by department:

Bible	Fine Arts	Physical Education	Special Programs
Business	Foreign Language	Science	Technology
English	Mathematics	Social Studies	

BIBLE (8 credits required to graduate) .. 1 credit each semester enrolled

Bible 9 - Bible Doctrines/Study Methods

This course will acquaint the students with basic Bible doctrines. They will learn what doctrines are, their importance and value. They will develop scriptural support for each doctrine; God - Jesus Christ- Holy Spirit- Scripture- Salvation- End Times- Church- Creation- Nature of Man/Sin- Angels/Satan. Students will be taught in harmony with the DMCS Statement of Faith. We will discuss difficult issues without indoctrinating.

Students will learn about the development of the Bible and the formation of the canon of scripture, how we got what we have and use today. The second aspect of this course is for the students to learn and apply principles and methods of studying the Bible. As we learn a variety of Bible study methods we will be using them to dig into the riches and depth of scripture. And as a Bible study method we will be memorizing select passages of the Bible.

LENGTH 1 year	CREDITS 2	REQUIRED 9 th grade
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Bible 10 – Christian World View/Ethics

Students will be trained in understanding world views. They will formulate and integrate into their lives a Christian World View, which will apply to all areas of learning and life. Students will also develop an ability to understand ethical systems, the difference between Christian ethics and other ethical systems, and to give students a method of determining the ethical, Christian choice for dilemmas facing the world today. Students will, through class discussion, worksheets, and papers, give practical demonstration of applying Biblical principles.

LENGTH 1 year	CREDITS 2	REQUIRED 10 th grade
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Bible 11 – Apologetics/Church History

The students will study scripture concerning the defense of our faith, grounding each student in his/her Biblical beliefs. These students will become knowledgeable in current philosophies and demonstrate an ability to give reasoned Biblical answers to the philosophies and issues in our world today. They will come to an understanding of various counterfeit religions (mainly Islam) and false world philosophies as they relate to Biblical Christianity. Through readings, projects, videos, lectures, assignments and discussion they will develop Biblical apologetic skills. The students will deepen their knowledge and understanding of the doctrines of Heaven, Hell, and the Holy Spirit while defending those Biblical and orthodox views.

The students will study the major roles, influences, and movements of the church from the martyrdom of Stephen to the English Reformation. A major emphasis will be placed upon the individuals that God has called to carry forth His mission and the dramatic events that have changed the faith and understanding of Christianity.

LENGTH 1 year	CREDITS 2	REQUIRED 11 th grade
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Bible 12 – Romans/Senior Seminar

The students will study the major themes, doctrines, messages, and directives of the book of Romans chapters one through fourteen. The students will also study the life of Paul as an introduction to the book of Romans along with the historical context of the Roman culture to which Paul writes.

The senior seminar class is designed as the culminating experience in the Bible department. Students have taken multiple years of Bible content leading up to the senior year and now will have an opportunity to apply what they have learned. There is no additional content provided in this class. Students will have opportunities to create experiences in which to apply their Bible knowledge. Examples include logging community service hours, writing and illustrating a children’s book which outlines the gospel message, writing their personal theology statement, creating a project of their own choosing, and doing a book study on a Christian book. Students may benefit from a flexible schedule for this class as they will need time to work on these various projects throughout the semester. The final project for this class will be presented publicly to a mixed group of peers, faculty and school board members.

LENGTH 1 year	CREDITS 2	REQUIRED 12 th grade
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BUSINESS (0 credits required to graduate)

Computer Applications for Business

This course is for students pursuing a career in business or finance and will focus on Microsoft applications such as Word, Excel, Publisher, and Access.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th or 12 th grade
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Accounting

Accounting is for students with a variety of career objectives. Some students desire beginning vocational preparation for accounting careers while others look forward to careers in related business fields for which mastery of some accounting knowledge, understanding, and application is needed. Students have an opportunity to enter accounting data into automated programs like those found in the workplace. This course provides a firm foundation for any student entering a business field.

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th and 12 th grade
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Introduction to Business

This course is for those students who are considering pursuing some type of business interest in college or who have an interest in learning more about the business world. Topics to be discussed will include: business organization, marketing, and management. Throughout the semester students will be creating a business plan which will be presented to local business people at the end of the semester.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th and 12 th grade
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Personal Finance

This course is designed to help students learn about various financial decisions they will be faced with in life. Some of the topics to be covered include: budgeting, savings, investments, insurance, and debt. This course will be built around Dave Ramsey's Foundations in Personal Finance high school curriculum.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th and 12 th grade
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ENGLISH (8 credits required to graduate) + SPEECH (1 credit required to graduate)

English 9

This course provides a thorough review of basic grammar, usage, and vocabulary, as well as an introduction to advanced grammar concepts such as clauses, phrases, and sentence structure. Students will go through the steps of the writing process and write a variety of pieces ranging from paragraphs to essays, including an original short story. Students will learn to go beyond simple reading comprehension and will begin to practice literary interpretation and analysis. Students will read a variety of works including poems, short stories, plays, Scripture, and novels. Larger works include *Romeo and Juliet*, *The Crucible*, and *To Kill a Mockingbird*.

LENGTH 1 year	CREDITS 2	REQUIRED 9 th grade
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English 10

This course provides a thorough review of advanced grammar concepts such as clauses, phrases, and sentence structure. Students will also continue to broaden their vocabulary through the learning of etymology. Students will continue to strengthen their writing skills by writing a variety of pieces ranging from paragraphs to essays, including an in-depth literary analysis of a worship song. Students will continue to practice literary analysis of pieces including poems, short stories, plays, Scripture, and novels. Larger works include the book of Genesis, Greek Mythology, *Antigone* by Sophocles, and Shakespeare's *Julius Caesar*.

LENGTH 1 year	CREDITS 2	REQUIRED 10 th grade
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American Literature

We study American literature, from the histories, biographies, and journals of the earliest colonists to the poetry and prose of our modern writers. Students will analyze fiction and non-fiction through the lens of history, literary criticism, and thematic ideas that appear over and over again throughout American literature. Socratic discussions will be the principal approach to literary analysis. Students will increase their understanding of formal grammar usage through their written work (i.e. answers to study/essay questions, vocabulary study, and formal compositions). Students will gain proficiency in oral communication through interaction in discussions and oral presentations.

LENGTH 1 year	CREDITS 2	REQUIRED 11 th grade
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AP Literature and Composition

This class focuses on the critical reading of the various genres of literature. Students will develop their abilities to read, analyze, and interpret a variety of short stories, novels, poems, and plays (mostly British and American) written over a period of time that dates from the Renaissance to the modern era. The main objective is to prepare students to take the AP exam in May, for which students may earn up to six hours of college credit (one semester each of a general writing and literature course).

LENGTH 1 year	CREDITS 2	OPTIONAL 12 th grade; 11 th grade by invitation	PREREQUISITE American Lit (waived for JRs), summer reading and 3.5 GPA
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Composition I .. can be taken for dual credit through DMACC (3 credit hours each class)

This course introduces students to college writing and is designed to help students read and write effectively. Students will construct and revise a series of writings; primarily expository but not excluding persuasive. In addition, the class includes effective reading and research techniques that may include library and computer-based skills. This course is taught from a Biblical worldview perspective but is equivalent to English 105 at DMACC.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th or 12 th grade	PREREQUISITE English 9 & 10
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Composition II .. can be taken for dual credit through DMACC (3 credit hours each class)

Expository and persuasive writing developed through critical reading. The course explores structure, style, research and documentation. This course is taught from a Biblical worldview perspective but is equivalent to English 106 at DMACC.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th or 12 th grade	PREREQUISITE Comp I
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Creative Writing .. can be taken for dual credit through DMACC (3 credit hours)

This course gives students the chance to create other forms of written work, which are creative and not expository in nature. Students examine a selection from each of the major areas of study and then seek to pattern their work after the "masters." Areas of study include the short story, playwriting and dramatic production, poetry, and the novelette. This course is offered on an every other year basis.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th and 12 th grade	PREREQUISITE English 10
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Speech

This course will survey the various types/aspects of communication (i.e., listening, verbal, nonverbal, intra-personal, interpersonal, small group, public, mass, and intercultural), with an emphasis on developing public speaking skills. Students will learn the basic elements of the communication process, and the role each of these elements plays in communication effectiveness. Students will also develop their skills in speech preparation and performance competency as they prepare a variety of speeches and present them before a live audience.

LENGTH 1 semester	CREDITS 1	REQUIRED 11 th or 12 th grade	PREREQUISITE English 9 & 10
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FINE ARTS (1 credit required to graduate)

ART

Art Foundations

This beginning high school art class is designed to assist students in developing a sense of visual design and self-expression. Within the areas included are art history, art criticism, aesthetics, and the product of artwork. Creative behaviors are encouraged, such as divergent thinking, problem solving, and craftsmanship. Specific media students work with include: painting, ceramics, printmaking, fibers, lettering, drawing, crafts, advertising & design, and mixed media.

LENGTH 1 year	CREDITS 2	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Digital Photography – *Can be used to satisfy the Fine Arts credit or a Technology credit.*

Students will learn the basic of digital photography in conjunction with the elements and principles of art. Topics will include basic camera operation, composition, light, computer editing, and presentation along with a brief history of photography and careers in the field. The camera along with the computer will become instruments to explore visual communication effectively. This course requires a digital camera with manual shooting modes.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Drawing 1,2* and 3* - **dual credit – DMACC ART 133 .. 3 credit hours*

PREREQUISITE: for Drawing 1 = Art Foundations. Drawing 2 and 3 will be taken sequentially.

These courses are further explorations of the elements of art and principles of design learned in Art Foundations. The drawing media of graphite, charcoal, oil pastel, pen and ink will be primarily used. These are recommended for students with a strong interest in art or considering careers requiring artistic skill. Students will engage in the creative process through creating, presenting, responding and connecting art to themselves and others.

LENGTH 1 semester	CREDITS 1	OPTIONAL 10 th , 11 th and 12 th grade
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Filming and Editing – *Satisfies Fine Arts credit or a Technology credit.*

PREREQUISITE: *for Filming and Editing = Digital Photography must be taken before Filming and Editing. Also students must have their own equipment, as the school does not provide the equipment to film. Please see instructor for exact requirements. Class is limited to 10 students.*

This course is designed for students interested in learning more about filming and editing using the DMCS Green Room. Students will learn about camera functions, sound, memory, lighting, green setup and use, organizing footage, creating timelines, etc. Finished products will be uploaded to platforms such as YouTube, Vimeo, etc in order to build a digital portfolio of work. Students will also be connected to community members to collaborate on real-world filming projects to gain hands-on work experience in the growing world of filming and editing.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Graphic Design 1, 2, 3*, and 4* - *dual credit – DMACC’s GRD 301 and 304 .. 3 credit hours each

This course is an introductory to the principles and elements of graphic design. Students will explore different avenues of visual communication, self-expression and creative problem solving through the creation of a variety of visual communication pieces.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Painting 1, 2* and 3*- *dual credit – DMACC’s ART 143 .. 3credit hours

PREREQUISITE: for Painting 1 = Art Foundations. Painting 2and 3 will be taken sequentially.

These courses are further explorations of the elements of art and principles of design learned in Art Foundations. Acrylic, tempa and watercolor paint will be primarily mediums used. These courses are recommended for students with a strong interest in art or considering careers requiring artistic skill. Students will engage in the creative process through creating, presenting, responding and connecting art to themselves and others.

LENGTH 1 semester	CREDITS 1	OPTIONAL 10 th , 11 th and 12 th grade
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Senior Art

Senior Art students will focus on medias of interest while working in a studio atmosphere with the freedom to select their creative challenges. They must complete 8 large projects each semester and produce artwork ready to enter in art competitions. With the work produced (along with previous work) the student will create a collection of work for display at the All School Art Show.

LENGTH 1 year; 2 days/wk (1 reg + 1 block)	CREDITS 1	OPTIONAL 12 th grade – SRs wanting to participate in Senior Art Show.	PREREQUISITE Art 1
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MUSIC

Band

This course is designed to develop a student’s basic working knowledge of instrumental music fundamentals. It is open to all students with previous instruction on wind or percussion instruments. Students learn basic, intermediate and advanced theory. To receive a solid music education, students are expected to participate the entire year in marching band, concert band and pep band. Students are asked to perform outside of the regular school day three times a year for concert band, and 3-4 times a year for concerts. Additional fees may come with concert band that are not covered by the activity fee.

LENGTH 1 year	CREDITS 2	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Concert Choir

Concert Choir is open to all students in grades *9-12. Students learn sight-reading and some basic theory along with developing a healthy singing technique through individual and small group voice lessons throughout the school year. We also introduce some major choral works. Students are tested each semester on sight reading, identifying some major and minor keys, and singing selected repertoire from memory. Students will perform outside of the regular school day approximately two times a year.

*Choir 9 is a separate class for freshman. Performances will be with the full Concert Choir.

LENGTH 1 year	CREDITS 2	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Jazz Band

Jazz Ensemble is an auditioned group that plays a wide variety of “jazz” music from swing, Latin, funk and the blues. Students commit to extra rehearsals, competitions and other engagements outside the regular school day. Additional fees may come with jazz band that are not covered by the activity fee. Concert Band membership is required of all jazz band members. Jazz Band meets during the Early Bird class period. See teacher syllabus for details.

LENGTH 1 semester	CREDITS 0.5	OPTIONAL 9 th , 10 th , 11 th and 12 th grade	PREREQUISITE Audition
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Music Theory

Music Theory deals with the mechanics of music and is designed to provide a thorough understanding of everything on the musical written page. It will include all major + minor keys and scales, all phases of rhythm, sight-reading, interval + chord reading, melodic + rhythmic dictation and the beginnings of analysis in 4 part writing. Students will develop the ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score through ear training, sight singing, analysis, composition and rhythmic studies. The course is designed to cover the scope of work that would be equivalent to that of first year college courses in music theory.

LENGTH 1 year	CREDITS 2	OPTIONAL 9 th , 10 th , 11 th and 12 th grade	PREREQUISITE Previous music instruction or experience preferred
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Victory .. Early Bird

Victory is a select vocal ensemble which sings a wide variety of music. Students commit to extra rehearsals, performance and ministry engagements. Additional fees come with special group outings. Students are tested on sight-reading, basic theory, as well as singing selected repertoire from memory. Victory meets during the Early Bird class period. See teacher syllabus for details.

LENGTH 1 year	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade	PREREQUISITE audition
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FOREIGN LANGUAGE (0 credits required to graduate)

Many four-year colleges and universities require two years of a single foreign language for admission. Some may require students to complete four years of a foreign language to graduate. This requirement is often waived if a student has completed four years of one language in high school with a C- average.

Spanish language courses are taught by The Language Project, a small Christian company, originating from Sevilla, Spain. TLP teaches all levels using a 100% immersion, natural approach. Through stories, music, games, and interactive activities, students acquire a new language all while having fun.

Spanish I

Students will be introduced to the basics of the Spanish language and culture. They will develop novice level skills in listening, speaking, reading, and writing the Spanish language. They will learn basic vocabulary such as telling time, basic nouns, greetings, numbers, colors, everyday verbs and objects. They will develop some awareness of and appreciation for the Hispanic culture as found around the world.

LENGTH 1 year	CREDITS 2	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Spanish II

This course is a continuation of basic Spanish with emphasis on developing better language skills. Students will learn more advanced grammar. More vocabulary will be introduced covering such topics as daily routines, giving advice, hobbies, entertainment, household chores, health, and eating in restaurants. Cultural studies will also continue.

LENGTH 1 year	CREDITS 2	OPTIONAL 10 th , 11 th and 12 th grade	PREREQUISITE Spanish 1
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Spanish III

This course is for the student who wants to continue study of the Spanish language. A wider vocabulary is developed and there is more emphasis on language structure. Students do more reading and complete a video unit consisting of a familiar movie presented in Spanish with activities involving vocabulary, speaking skills, and writing skills.

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th and 12 th grade	PREREQUISITE Spanish 2
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Spanish IV

This course is designed to give advanced language students a variety of opportunities to dive deeper in the language, improve fluency and use their language skills in real-life situations. Level 4 is filled with real-life application where students will be challenged to think about and use their skills in real-world situations and the global job market

LENGTH 1 year	CREDITS 2	OPTIONAL 12 th grade	PREREQUISITE Spanish 3
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HEALTH (1 credit required to graduate)

Health 1

Students will examine their lifestyles, select goals, and make plans to achieve and maintain optimum health. Students will be encouraged to choose behaviors that help prevent illness and accidents, promote health or improve the quality of the environment. Health provides current facts in areas of mental health, family and social health, nutrition, exercise and fitness, drugs, safety and first aid, and community and environmental health.

LENGTH 1 semester	CREDITS 1	REQUIRED 11 th or 12 th grade
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MATHEMATICS (6 credits required to graduate)

Many four year colleges and universities want to see a 4th year, higher level math class on an admissions application.

Algebra I

This course sets a strong, solid foundation in working with negative numbers and proceeds to introduce algebraic concepts of variables, functions, relations, polynomials, systems of equations and inequalities, rational exponents, and quadratic equations.

LENGTH 1 year	CREDITS 2	REQUIRED 8 th , 9 th or 10 th grade	PREREQUISITE Pre-Algebra
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Geometry

This course covers plane geometry. Both deductive and inductive reasoning is emphasized. Proofs are written after first developing reasoning and logic skills.

LENGTH 1 year	CREDITS 2	REQUIRED 9 th , 10 th , 11 th or 12 th grade	PREREQUISITE Algebra 1
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Algebra II

This course completes the automation of the fundamental skills of algebra and is designed to meet the needs of college-bound students. It is the springboard to advanced math concepts.

LENGTH 1 year	CREDITS 2	REQUIRED 10 th , 11 th or 12 th grade	PREREQUISITE Geometry
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Pre-Calculus/Trig .. can be taken for dual credit through DMACC (3 credit hours)

This is a mathematical problem-solving course. Pre-Calculus involves but is not limited to functions (polynomial, rational, exponential and logarithmic), systems of equations and inequalities, and sequences and series. The trigonometry sections use both the right triangle and unit circle approach. Polar coordinates and vectors are also studied.

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th and 12 th grade	PREREQUISITE Algebra 2
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AP Calculus AB .. can be taken for dual credit through DMACC (5 credit hours)

This is a rigorous college level course covering all topics required for the AB Advanced Placement calculus exam plus all required DMACC competencies for Calculus I. The areas of study include graph analysis, limits of functions, continuity of functions, derivatives at a point and as a function, integration and techniques of anti-differentiation. *Students may receive college credit upon successful completion of the AP Exam or by opting to take this course as a dual credit course.*

LENGTH 1 year	CREDITS 2	OPTIONAL 12 th grade	PREREQUISITE Pre-Calc & Instructor
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Statistics .. can be taken for dual credit through Graceland College (3 credit hours)

Statistics is a college-level course that focuses on the collection, interpretation, and dissemination of data as well as the study of Probability. Topics include normal models, confidence intervals, hypothesis testing, and regression.

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th or 12 th grade	PREREQUISITE Algebra II
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PHYSICAL EDUCATION (2 credits required to graduate)

Fitness P.E.

EB Fitness: Involves mainly anaerobic conditioning using weights and one's body weight. Multiple weight training regimens will be used. The instructor will tailor a program for each student taking into consideration their fitness goals

EB: M/W/F..7:25-8:05	LENGTH 1 semester	CREDITS .5	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Physical Education

The high school physical education program is designed to encourage maximum participation in physical activity and also to prepare students for activities they can use for a lifetime of physical fitness.

The activities currently offered in PE are softball, flag football, indoor and outdoor soccer, basketball, volleyball, indoor floor hockey, badminton, pickle ball, eclipse ball, archery, lacrosse, weight lifting and other fitness activities as deemed appropriate and beneficial by the instructor.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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SCIENCE (6 credits required to graduate)

Physical Science

Physical Science is the study of matter and energy and includes chemistry and physics. It is a basis for the further study of chemistry and physics. Labs or investigations are used to give students hands on learning and practical applications as well as to teach the material. Math is very important to science students and calculators should be brought and used in class. Topics that will be studied include: matter, the periodic table, elements, mixtures, compounds, chemical reactions, light and electromagnetic spectrum, energy, heat, motion, Newton's laws and momentum.

LENGTH 1 year	CREDITS 2	REQUIRED 9 th Grade
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Biology

This is a general introductory biology course. Topics that will be studied include: cells, genetics and heredity, botany, zoology, ecosystems, microorganisms, basic anatomy and physiology, and creations/evolution. Labs or investigations are used. Students will be able to look at any aspect of Biology that we have studied and determine how that subject is related to the Bible.

LENGTH 1 year	CREDITS 2	REQUIRED 10 th Grade
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Chemistry

This is a general introductory chemistry course. The students will become familiar with the following areas of study: Introduction to Chemistry and Matter, Organization of Matter, Language of Chemistry, and Phases of Chemistry. Labs or investigations are used. The successful completion of this course will allow the student to have the groundwork necessary to be prepared for their first year college chemistry course. The student will be given the opportunity to see the amazing design of our universe that should give them a desire to seek out the Creator

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th or 12 th grade	PREREQUISITE Physical Sci & Algebra 1
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Anatomy/Physiology

Anatomy/Physiology is designed for students planning to enter the medical field. This class will study in depth the human body systems and how they interact with each other. This is an upper level course.

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th or 12 th grade	PREREQUISITE Biology
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AP Chemistry

This is a rigorous academic program built on the commitment, passion and hard work of students and educators from both secondary schools and higher education. This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to take second-year chemistry work their freshman year in college. For other students, the AP Chemistry course fulfills the laboratory science requirements and frees time for other courses. *Students **may** receive college credit upon successful completion of the AP Exam. The exam is optional, but highly encouraged as the exam and exam preparation are an integral aspect of the course goals and design*

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th or 12 th grade	PREREQUISITE Chemistry
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Physics

This is a general introductory physics course. Students will become familiar with the following areas of study: Introduction and Mathematical Concepts, Linear and Rotational Kinematics, Forces and Work, Energy and Motion, and Electric Forces. This course will assist students to develop their critical thinking skills, including but not limited to general problem solving, the break-down of complex problems into workable parts, the use of math to solve problems, and working with other students to solve complex problems. Labs or investigations are used. The student will be given the opportunity to see the amazing design of our universe that should give them a desire to seek out the Creator.

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th or 12 th grade	PREREQUISITE Physical Sci & Algebra 2
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SOCIAL STUDIES (6 credits required to graduate; includes 1 credit each of American Government and Economics)

United States History

This course surveys nearly 500 years of American history and emphasizes the Judeo-Christian foundations and influence on the American nation. Beginning with exploration and colonization, students will explore the major events and trends in American history through the most recent times. The approach is conceptual, emphasizing cause and effect relationships in history and utilizing evaluation and decision-making skills.

LENGTH 1 year	CREDITS 2	REQUIRED 9 th grade
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World History

This course provides students with a broad background in the history of mankind from creation to the present. Emphasis will be placed on cultures up through the Middle Ages in the first semester and continue with post-Middle ages in the second semester. The main theme running through the course is the effect on history by people created in God's image who are also sinful. A chronological and cultural approach will be used.

LENGTH 1 year	CREDITS 2	REQUIRED 10 th grade
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American Government

The course is designed to give the student an in-depth view of state and national government. The Constitution and its changes along with the current judicial interpretations will also be included in this study. A special emphasis will be given to the role of a Christian in the current political process.

LENGTH 1 semester	CREDITS 1	REQUIRED 11 th or 12 th grade	PREREQUISITE US History
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Economics

This course will give each student a basic knowledge of micro, macro and consumer economics with a Biblically based view. Students will gain an ability to understand current economic events and how they affect our government, international decisions and history. Students will become more Christ centered in their decision making.

LENGTH 1 semester	CREDITS 1	REQUIRED 11 th or 12 th grade
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Psychology

This course will introduce students to the history of psychology and the theoretical knowledge needed to understand psychology. Theories, both secular and Christian, will be analyzed by their relationship to Scripture. A common theme in the course is humanity striving to understand themselves and their relationship to others in God's Kingdom.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th or 12 th grade
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Sociology

Sociology focuses on the study of human relationships and how we interact within our own society, in terms of group relationships, and the roles individuals play within groups. Students will examine society using Biblical principles. The course will prepare students to accept cultures different than their own and understand the cultural relevance of each.

LENGTH 1 semester	CREDITS 1	OPTIONAL 11 th or 12 th grade
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AP US History

A thorough study of our country's political, social, diplomatic and economic history will be done, including our founding fathers Christian perspectives and the impact they had. Students will assess historical material, their relevance to a given interpretive problem, their reliability, and importance. They will learn skills necessary to give answers to questions relating to US History in both essay and document based forms. *Students **may** receive college credit upon successful completion of the AP Exam. The exam is optional.*

LENGTH 1 year	CREDITS 2	OPTIONAL 11 th or 12 th grade	PREREQUISITE US History, Instructor approval & 3.0 GPA
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SPECIAL PROGRAMS (0 credits required to graduate) .. Students may receive 1 credit from a Special Program *per* semester.

College and Career Readiness

This class follows the “Autonomous Learner Model.” The goal of this program model is to “facilitate the growth of students as independent, self-directed learners, with the development of skills, concepts and positive attitudes within the cognitive, emotional and social domains.” (Kercher and Betts). Students will work independently on a semester long project that is focused on better preparing them for their academic and career futures. For some students this project will be a semester-long work study opportunity. Other students may choose a project that focuses on studying for the ACT/SAT and applying for scholarships. Regardless of project choice, the student will have regular weekly check-ins with the teacher as well as a personal blog for project reflections. Each day will involve a small amount of direct instruction from the teacher on topics related to college and career readiness, followed up by work time on student’s independent project. This class would be an excellent fit for the gifted learner, but is open to all.

LENGTH 1 semester	CREDITS 1	OPTIONAL 10 th , 11 th or 12 th grade
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TECHNOLOGY (2 credits required to graduate)

Computer Application

This course is for students pursuing a career in business or finance and will focus on Microsoft applications such as Word, Excel, Publisher, and Access.

LENGTH 1 semester	CREDITS 1	REQUIRED 9 th , 10 th , 11 th or 12 th grade
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Digital Photography – *Can be used to satisfy the Fine Arts credit or a Technology credit.*

Students will learn the basic of digital photography in conjunction with the elements and principles of art. Topics will include basic camera operation, composition, light, computer editing, and presentation along with a brief history of photography and careers in the field. The camera along with the computer will become instruments to explore visual communication effectively. This course requires a digital camera with manual shooting modes.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Filming and Editing – *Satisfies Fine Arts credit or a Technology credit.*

PREREQUISITE: *for Filming and Editing = Digital Photography must be taken before Filming and Editing. Also students must have their own equipment, as the school does not provide the equipment to film. Please see instructor for exact requirements. Class is limited to 10 students.*

This course is designed for students interested in learning more about filming and editing using the DMCS Green Room. Students will learn about camera functions, sound, memory, lighting, green setup and use, organizing footage, creating timelines, etc. Finished products will be uploaded to platforms such as YouTube, Vimeo, etc in order to build a digital portfolio of work. Students will also be connected to community members to collaborate on real-world filming projects to gain hands-on work experience in the growing world of filming and editing.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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Graphic Design 1, 2, 3*, and 4* - **dual credit – DMACC's GRD 301 and 304 .. 3 credit hours each*

This course is an introductory to the principles and elements of graphic design. Students will explore different avenues of visual communication, self-expression and creative problem solving through the creation of a variety of visual communication pieces.

LENGTH 1 semester	CREDITS 1	OPTIONAL 9 th , 10 th , 11 th and 12 th grade
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