

Des Moines Christian School - HS Course Guide

This course guide is based on the current offerings at Des Moines Christian School as of fall 2016. Course offerings are subject to change based on annual policy review by the Board of Directors and curriculum review by the Educational Program Committee. Curriculum reviews may add/delete programs or update course objectives, resources, and descriptions.

This information can be used by students/parents to plan for the upcoming school year with the Academic Advisor. 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: Fitness P.E., Victory and Jazz Band - earn 0.5 CREDITS: per semester, based on the number of instructional hours. All other courses earn 1 credit per semester.

BIBLE

COURSE: Bible 9 - Bible Study Methods / Doctrines

LENGTH: 1 year

CREDITS: 2

REQUIRED: 9th

This course will acquaint students with basic Bible doctrines...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 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. As a Bible study method we will be memorizing select passages of the Bible.

COURSE: Bible 10 – Christian World View/Ethics

LENGTH: 1 year

CREDITS: 2

REQUIRED: 10th

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.

COURSE: Bible 11 – Apologetics/Church History

LENGTH: 1 year

CREDITS: 2

REQUIRED: 11th

Students will study scripture concerning the defense of our faith, grounding each student in his/her Biblical beliefs. 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. Students will deepen their knowledge and understanding of the doctrines of Heaven, Hell, pain, suffering, death, natural disasters, miracles, the divinity of Jesus, the validity of the Bible 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.

COURSE: Bible 12 – Romans/Senior Seminar

LENGTH: 1 year

CREDITS: 2

REQUIRED: 12th

Students will study the major themes, doctrines, messages, and directives of the book of Romans chapters 1-14. 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 is the culminating experience in the Bible department. Students have taken multiple years of Bible content 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.

BUSINESS

COURSE: Accounting I

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 10th, 11th or 12th

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.

COURSE: Computer Applications for Business

LENGTH: 1 semester

CREDITS 1

OPTIONAL: 9th, 10th, 11th or 12th grade

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.

COURSE: Introduction to Business

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 10th, 11th or 12th

This course is for students who are interested in pursuing a business related option for college & career. 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 in a Shark Tank style presentation.

COURSE: Personal Finance

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 10th, 11th or 12th

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.

ENGLISH

COURSE: American Literature

LENGTH: 1 year CREDITS: 2 REQUIRED: 11th

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

COURSE: AP Literature and Composition

LENGTH: 1 year CREDITS: 2 OPTIONAL: 12th; 11th by invitation
PREREQUISITE: Am Lit (waived for JRs), summer reading and 3.5 GPA

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).

COURSE: British Literature

LENGTH: 1 year CREDITS: 2 OPTIONAL: 12th
PREREQUISITE: English 9 & 10

This course surveys the literature of England from the Anglo-Saxon period to the modern era. The emphasis is on developing better critical thinking and writing skills through analyzing, discussing, and writing about literature. Students will learn and apply various literary terms to their related genres of literature, for the purpose of discussion and literary analysis. Students will enhance their understanding of formal grammar usage and apply it to their written work (i.e., answers to study/essay questions, vocabulary sentences, and essays). Students will gain proficiency in their oral communication skills through various oral presentations.

COURSE: Composition I .. dual credit - DMACC's ENG 105 .. 3 credit hours

LENGTH: 1 semester (Fall) CREDITS: 1 OPTIONAL: 11th or 12th
PREREQUISITE: English 9 & 10

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.

COURSE: Composition II .. dual credit - DMACC's ENG 106 .. 3 credit hours

LENGTH: 1 semester (Spring) CREDITS: 1 OPTIONAL: 11th or 12th
PREREQUISITE: Comp I

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.

COURSE: Creative Writing .. dual credit - DMACC's ENG 221 .. 3 credit hours
LENGTH: 1 semester CREDITS: 1 OPTIONAL: 11th and 12th
PREREQUISITE: English 10

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.

COURSE: English 9
LENGTH: 1 year CREDITS: 2 REQUIRED: 9th

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*.

COURSE: English 10
LENGTH: 1 year CREDITS: 2 REQUIRED: 10th

This course provides a thorough review of advanced grammar concepts such as clauses, phrases, and sentence structure. 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*.

COURSE: Speech
LENGTH: 1 semester CREDITS: 1 REQUIRED: 11th or 12th grade
PREREQUISITE: English 9 & 10

This course will survey the various types/aspects of communication (i.e., listening, verbal, nonverbal, and public), with an emphasis on developing public speaking skills. Students will develop research skills and performance competency as they prepare a variety of speeches and present them before a live audience.

FINE ARTS

ART

COURSE: Art Foundations

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 9th, 10th, 11th, 12th

Introductory course of all visual art standards, no previous art experience required. Students will use a variety of media, techniques and processes to explore the elements of art and solve creative problems. Students will engage in the creative process through creating, presenting, responding and connecting art to themselves and others.

COURSE: Digital Photography 1, 2, 3, 4 .. Satisfies Fine Arts credit or a Technology credit.

LENGTH: 1 term (Fall)

CREDITS: 1

OPTIONAL: 9th, 10th, 11th, 12th

This course is an introductory foundational level study of the elements of the art and principles of design through the medium of photography and requires no previous art experience. Students will develop skills in basic camera operation, photographic process, procedures and studio techniques. Students will engage in the creative process through creating, presenting, responding and connecting art to themselves and others. A digital camera with manual mode capabilities is required. *A limited number of school cameras are available. see Mr. Vredenburg*

COURSE: Drawing 1, *2 and 3 .. *dual credit - DMACC's ART 133 .. 3 credit hours

LENGTH: 1 term (Fall)

CREDITS: 1

OPTIONAL: 10th, 11th, 12th

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.

COURSE: Filming and Editing Satisfies Fine Arts credit or a Technology credit.

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 9th, 10th, 11th or 12th

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 screen 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.

COURSE: Graphic Design 1, 2, *3, *4.. *dual credit - DMACC's GRD 301 and 304 .. 3 credit hours each

LENGTH: 1 term

CREDITS: 1

OPTIONAL: 9th, 10th, 11th, 12th

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.

COURSE: Painting 1, *2 and 3 .. **dual credit - DMACC's ART 143 .. 3 credit hours*

LENGTH: 1 term (Spring) CREDITS: 1 OPTIONAL: 10th, 11th, 12th

PREREQUISITE: for Painting 1 = Art Foundations; Painting 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. 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.

COURSE: Sculpture 1, 2, 3

LENGTH: 1 term (Spring) CREDITS: 1 OPTIONAL: 9th, 10th, 11th, 12th

PREREQUISITE: for Sculpt 1 = Art Foundations; Sculpt 2 and 3 will be taken sequentially

These courses are further explorations of the elements of art and principles of design as learned in Art Foundations through the 3-dimensional media of clay, wood, fiber, paper, plaster and mixed media. They 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.

COURSE: Senior Art .. **This course meets 2 days/week; 1 regular and 1 block*

LENGTH: 2 terms CREDITS: .5 OPTIONAL: 12th PREREQUISITE: Art Foundations

Art students will go in depth into a chosen medium or technique. The students will use various art medias and utilize the techniques and knowledge learned to complete impactful works of art that have historical, conceptual, or expressive relevance. Special emphasis will be placed on creating work for a variety of competitions, writing artist statements and preparing work for senior exhibition.

MUSIC

COURSE: Concert Band

LENGTH: 1 year CREDITS: 2 OPTIONAL: 9th, 10th, 11th, 12th

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. 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.

COURSE: Concert Choir

LENGTH: 1 year CREDITS: 2 OPTIONAL: 9th, 10th, 11th and 12th

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

COURSE: Jazz Band .. Early Bird

LENGTH: 1 semester CREDITS: 1 OPTIONAL: 9th, 10th, 11th and 12th PREREQUISITE: Audition

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. There may be additional fees not covered by the activity fee. Concert Band membership is required.

COURSE: Music Theory

LENGTH: 1 year CREDITS: 2 OPTIONAL: 9th, 10th, 11th and 12th
PREREQUISITE: Previous music instruction or experience preferred

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.

COURSE: Victory .. Early Bird

LENGTH: 1 year CREDITS: 1 OPTIONAL: 9th, 10th, 11th and 12th
PREREQUISITE: audition

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.

FOREIGN LANGUAGE

COURSE: Spanish I

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 9th, 10th, 11th and 12th

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.

COURSE: Spanish II

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 10th, 11th and 12th

PREREQUISITE: Spanish 1

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.

COURSE: Spanish III

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 11th and 12th

PREREQUISITE: Spanish 2

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.

COURSE: Spanish IV

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 12th

PREREQUISITE: Spanish 3

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.

HEALTH

COURSE: Health 1

LENGTH: 1 semester

CREDITS: 1

REQUIRED: 11th or 12th

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.

COURSE: Health 2

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 11th or 12th

This course is a continuation of Health I and can be used to satisfy an elective credit. Students will continue to look at issues of their physical, mental/emotional, and social health related to the use of tobacco, alcohol and drugs. Child development topics are also discussed.

MATHEMATICS

COURSE: Algebra I

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

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.

COURSE: Algebra II

LENGTH: 1 year CREDITS: 2 REQUIRED: 10th, 11th or 12th
PREREQUISITE: Geometry

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.

COURSE: AP Calculus AB .. *dual credit - DMACC's MAT 211.. 5 credit hours

LENGTH: 1 year CREDITS: 2 OPTIONAL: 12th
PREREQUISITE: Pre-Calc & Instructor

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.

COURSE: Geometry

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

This course develops the student's ability to reason and investigate relationships among figures. Topics to be covered during the year are: lines and planes, proof, congruence and similarity of triangles and quadrilaterals, trigonometry, circles, area, and volume.

COURSE: Pre-Calculus/Trig .. *dual credit - DMACC's MAT 129.. 5 credit hours

LENGTH: 1 year CREDITS: 2 OPTIONAL: 11th and 12th
PREREQUISITE: Algebra 2

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

COURSE: Statistics .. *dual credit - Graceland College's MATH 1380 .. 3 credit hours

LENGTH: 1 year CREDITS: 2 OPTIONAL: 11th or 12th
PREREQUISITE: Algebra II

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.

PHYSICAL EDUCATION

COURSE: Physical Education

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 9th, 10th, 11th and 12th

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.

COURSE: Fitness P.E. EB: M/W/F..7:25-8:05

LENGTH: 1 semester

CREDITS: .5

OPTIONAL: 9th, 10th, 11th and 12th

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.

SCIENCE

COURSE: Anatomy/Physiology

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 11th or 12th

PREREQUISITE: Biology

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.

COURSE: AP Chemistry

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 11th or 12th

PREREQUISITE: 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.

COURSE: Biology

LENGTH: 1 year

CREDITS: 2

REQUIRED: 10th

This is a general introductory biology course. Topics that will be studied include: cells, genetics and heredity, ecosystems, microorganisms, basic anatomy and physiology, and creations/evolution. Both Labs and investigations are used to provide hands on learning and practical applications.

COURSE: Chemistry

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 11th or 12th

PREREQUISITE: Physical Sci & Algebra 1

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.

COURSE: Physical Science

LENGTH: 1 year

CREDITS: 2

REQUIRED: 9th

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 provide students hands on learning and practical applications. 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.

COURSE: Physics

LENGTH: 1 year

CREDITS: 2

OPTIONAL: 11th or 12th

PREREQUISITE: Physical Sci & Algebra 2

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. This course will assist students to develop their critical thinking skills, including but not limited to general problem solving, the breakdown 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.

SOCIAL STUDIES

COURSE: American Government

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

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.

COURSE: AP US History

LENGTH: 1 year CREDITS: 2 OPTIONAL: 11th or 12th
PREREQUISITE: US History, Instructor & 3.0 GPA

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 but encouraged.

COURSE: Economics

LENGTH: 1 semester CREDITS: 1 REQUIRED: 11th or 12th

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.

COURSE: Psychology

LENGTH: 1 semester CREDITS: 1 OPTIONAL: 11th or 12th

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.

COURSE: Sociology

LENGTH: 1 semester CREDITS: 1 OPTIONAL: 11th or 12th

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.

COURSE: United States History

LENGTH: 1 year CREDITS: 2 REQUIRED: 9th

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.

COURSE: World History

LENGTH: 1 year

CREDITS: 2

REQUIRED: 10th

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.

SPECIAL PROGRAMS

COURSE: College and Career Readiness

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 10th, 11th or 12th

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.

COURSE: Study Skills - no credit

LENGTH: 1 semester

CREDITS: 0

OPTIONAL: 9th, 10th, 11th or 12th

Although DMCS does not have a Special Education Program, we do offer learning supports in our Resource room for students with a 504 and/or academic needs. Enrollment in Study Skills requires approval from Administration. Please contact the Academic Advisor and/or Principal if you are interested in this option for your student.

COURSE: Teacher Aide

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 9th, 10th, 11th or 12th

High School students are able to receive 1 full credit per semester to serve as a TA. The tasks performed by our TA's are highly valued by our Faculty and Staff. TA's should accept these assignments with a commitment to serving well. Assignments to specific classroom teachers or office staff are made by the Guidance Office with the following considerations:

- Expressed need/desire from teacher/staff member
- Student GPA .. a minimum GPA of 3.0 must be maintained to qualify for TA program (exceptions can be made only with approval from the Secondary Principal)
- Student schedule

TECHNOLOGY

COURSE: Career Based Technology A

LENGTH: 1 semester (Fall)

CREDITS: 1

OPTIONAL: 9th, 10th, 11th, 12th

Throughout the year, students will be learning about how to build a digital portfolio and the ways that it can be used in their futures. The students will use the digital portfolio as a place to document their learning for this class. The learning in this class will be focused on technologies and skills that the current workforce is seeking in their employees. Some topics addressed will be: how to write a business email, developing a resume and sample cover letter, how to use networking technologies and using excel in the workplace. Additionally, students will begin to explore careers of interest through digitally partnering with a career mentor as well as hearing from guest speakers. This class would be an excellent fit for the gifted learner, but is open to all.

COURSE: Career Based Technology B

LENGTH: 1 year

CREDITS: 1

OPTIONAL: 9th, 10th, 11th, 12th

Throughout the year, students will be learning about how to build a digital portfolio and the ways that it can be used in their futures. The students will use the digital portfolio as a place to document their learning for this class. The learning in this class will be focused on technologies and skills that the current workforce is seeking in their employees. Some topics addressed will be: how to write a business email, developing a resume and sample cover letter, how to use networking technologies and using excel in the workplace. Additionally, students will begin to explore careers of interest through digitally partnering with a career mentor as well as hearing from guest speakers. This class would be an excellent fit for the gifted learner, but is open to all.

COURSE: Computer Applications for Business

LENGTH: 1 semester

CREDITS: 1

REQUIRED: 9th, 10th, 11th or 12th

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.

COURSE: Digital Photography ...Satisfies Fine Arts credit or a Technology credit.

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 9th, 10th, 11th or 12th

This course is an introductory foundational level study of the elements of the art and principles of design through the medium of photography and requires no previous art experience. Students will develop skills in basic camera operation, photographic process, procedures and studio techniques. Students will engage in the creative process through creating, presenting, responding and connecting art to themselves and others. A digital camera with manual mode capabilities is required. *A limited number of school cameras. Please see Mr. Vredenburg.*

COURSE: Filming and Editing ... Satisfies Fine Arts credit or a Technology credit.

LENGTH: 1 semester

CREDITS: 1

OPTIONAL: 9th, 10th, 11th or 12th

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 screen 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.

COURSE: Graphic Design 1, 2, *3, *4.. **dual credit - DMACC's GRD 301 and 304 .. 3 credit hours each Satisfies Fine Arts credit or a Technology credit.*

LENGTH: 1 term

CREDITS: 1

OPTIONAL: 9th, 10th, 11th, 12th

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.