



DENVER CHRISTIAN
S C H O O L

Inspired Equipped Engaged

High School
Course Description Catalog
2016-2017

English

Expected Program of Study:

Graduation Requirement: 12 courses (4 years)

College Prep Program

9 – Literature Foundations, Research Foundations, Communication Foundations

10 – Perspectives in Literature: Exploration, Perspectives in Literature: Application, 1 Elective

11 – Composition Strategies: Reflection, Composition Strategies: Application, 1 Elective

12 – 3 Electives

Advanced English Program

9-11 Same as above

12 – Poetry & Drama Honors (3 terms) or Fiction Honors (1-2 terms), 1-2 Electives

English Language I

This course is an introduction to English, with a primary emphasis on reading for those students who are English language learners. Students read short selections and read with audio books to assist in language acquisition and development. The objective of the course is to gain English language competence so that these students can be successful in other English courses. (1 term)

Literature Foundations

Exploration of literary genres, themes, and terms. Students read novels, short stories, and poetry; analyze character and theme; make connections between literature and real life; and respond to literature with personal and expository writing. May be taken as Freshman Seminar. (1 term)

Research Foundations

Investigation of research techniques as related to writing and speech. Students evaluate online resources, practice writing with appropriate documentation, and use information analytically and creatively. (1 term)

Communication Foundations

Development of writing and speaking skills. Students explore and practice varied methods of communication, including journaling, analytical essays, and discussion circles, as well as formal speeches and presentations. (1 term)

Perspectives in Literature:

Worldview Exploration

Exploration of worldviews as revealed in fiction. Students encounter and interact with a variety of novel styles through personalized, independent reading, and formal and informal visual and written responses. (1 term)

Perspectives in Literature:

Worldview Application

Exploration of worldviews as revealed in music, film, and literature, culminating in an in-depth analysis of one author's worldview as represented in at least three of his or her works. (1 term)

Prerequisite: Perspectives in Literature: Worldview Exploration

Composition Strategies: Reflection

Development of skills in various modes and strategies of writing. Students improve their vocabulary, writing and ability to articulate their life experiences through formal and informal essays.

Prerequisite: junior/senior status

Composition Strategies: Analysis

Development of skills in various modes and strategies of writing. Students improve their vocabulary and ability to analyze literature using both novels and film as the foundation for their writing.

Prerequisite: junior/senior status

Creative Writing

Exploration of creative writing skills in poetry, memoir, and short story. Students reflect on their life experiences, analyze poetry and novels, and create a portfolio of their own written work. (1 term)

Prerequisite: sophomore/junior/senior status

Shakespeare/Drama

Exploration of the world of drama with an emphasis on Shakespeare. Students gain an understanding of the history of drama and stagecraft from ancient Greeks to the present, including the study of two Shakespeare plays. Students perform scenes and monologues, and experiment with pantomime and improvisation. When possible, students attend a Shakespeare production at Denver Center for the Performing Arts. (1 term)

Multicultural Literature

Expansion of one's appreciation of the global culture through literature. Students travel the world through literature and film, encountering issues and exploring ideas as they write analytically and creatively. Themes include prejudice, family, dreams, and clash of culture. (1 term)

Responding to Literature

Exploration of themes in contemporary literature. Students will respond to various genres, participate in discussion, write analytically, and think critically while they develop a greater appreciation of literature. Students will address various "wars" in Wiesel's *Night*, Bradbury's *Fahrenheit 451* and Fleischmann's *Whirligig* through essays,

creative responses, discussions, and research. (1 term)

American Dream

Analysis of the American Dream as represented through literature. Students explore various works including those by Fitzgerald, Harlem Renaissance authors, Steinbeck, and Miller through discussion, and formal and informal writing. (1 term)

British Literature: Middle Ages to Milton

Exploration of philosophies and literary trends found in British Literature. Students discover the history of the English language and culture through major works including *Beowulf*, *Canterbury Tales*, *Macbeth*, and *Holy Sonnets*. (1 term)

British Literature: Pope to Present

Investigation of philosophies and literary trends found in British Literature. Students discover the history of the English language and culture through major works including those by Pope, Swift, and Austen. (1 term)

Fiction I (Honors)

Exploration of basic elements and techniques of fiction. Students read short stories and novels, analyzing plot, characterization, setting, point of view and tone. Focal points include analytical writing and discussion. (1 term)

Prerequisite: 3.3 GPA in English, junior/senior status

Fiction II (Honors)

Investigation of themes and issues through reading and analyzing literature. Students make connections between varied works, respond to literature informally and formally, and analyze the literary and cultural impact of the author of their choice. This course prepares students for the AP Literature and Composition exam. (1 term)

Prerequisite: Fiction I

American Literature

This course is an online, blended learning course that covers American literature from the Puritans to Post-Modern literature. The content for this course is all delivered digitally, but the class is taught by a DCS teacher. (1 term)

Poetry & Drama (Honors)

Exploration and in-depth analysis of poetry and Drama. Students recognize and appreciate various elements of literature through poetry and drama discussion. Literary analysis is covered at a high level through discussion, composition, and presentation. Dual enrollment course with CCU; AP English Literature and Composition*. (3 terms – Can be taken separately)

Prerequisites: 3.3 GPA in English courses, junior/senior status, and/or recommendation from the teacher.

*College Credit:

Advanced Placement (AP) -- Students are prepared and encouraged to take the AP Language & Composition and/or the AP Literature & Composition exam after successfully completing Composition Strategies and, at least, one honors course in English. Additional fee applies.

Dual Enrollment – If students successfully complete the Poetry & Drama Honors course, they are eligible for college credit through our dual enrollment program with CCU. Additional fee applies.

World Languages

Expected Program of Study

Graduation Requirement: 6 courses (2 years)

College Prep Program

9-10 – Spanish I

10-12 – Spanish II

11-12 – Spanish III

Advanced Spanish Program

9-10 – Same as above

11-12 – Spanish III

12 – Spanish IV

Spanish I

Introduction to the sound system, pronunciation and basic grammar of Spanish. Students learn vocabulary and become skilled at using present and past tenses, pronouns, and adjectives through conversation, translation, and listening activities. Highlights include producing family trees, creating travel brochures, and cooking together as a class. (3 terms)

Spanish II

Study of additional verb tenses including in-depth examination of preterite and imperfect, and introduction of future and conditional. Students expand their vocabulary, and improve their writing, speaking, and reading skills. Historical and cultural dimensions of the language are explored through student presentations on topics such as dance, food, and art. (3 terms)

Prerequisite: *Spanish I*

Spanish III

Expansion of verb tenses and advanced grammatical structures. Students build upon reading, writing, listening, and speaking skills through audio and video segments, readings, and other projects. Students participate in conversations, create stories, play games, and research Spanish-speaking countries and culture. (3 terms) **Prerequisite:** *C in Spanish II*

Spanish IV (Honors)

Cultural and historical investigation of the 21 Spanish-speaking countries. Students apply what they have learned by reading Spanish essays, short stories, and poems; writing a wide variety of compositions; and making oral presentations. Conversation and college readiness are stressed in this course. *Dual enrollment course with CCU (SPA 265 3 credits); AP Spanish Language and Culture. (3 terms)

Prerequisite: *B in Spanish III*

Other Languages

Other languages may be available as online courses for an additional fee.

*College Credit

Advanced Placement (AP) – Students who successfully complete Spanish IV may take the AP Spanish Language and Culture exam. Additional fee applies.

Dual Enrollment – If students successfully complete Spanish IV, they are eligible for college credit through our dual enrollment program with CCU. Additional fee applies.

Science

Expected Program of Study

Graduation Requirement: 9 Courses (3 years)

College Prep Program

9 – Integrated Science

10 – Biology

11 – Chemistry

12 – Science Electives

Advanced Science Program

9 – Biology

10 – Chemistry

11 – Physics

12 – Advanced Chemistry or Advanced Biology

Integrated Science

Introduction to the critical thinking, mathematical, and technical skills required for success in high school science via a study of matter and energy. Term A centers on the nature and behavior of matter and the nature and processes of science. Term B is focused on the nature and behavior of energy. Students learn how to conduct and write a formal lab report and acquire mastery of the metric system. Term C investigates current applications of science. Students design and conduct their own investigations of the physical world and develop the conceptual knowledge and analytical skills required to properly interpret and apply their results. (3 terms)

Biology

Study of God's living creation. Students examine biodiversity, the molecular and cellular basis of life, genetics, the creation/evolution controversy, and the structure and function of the human body. Laboratory work expands students' understanding of scientific inquiry and builds skills in microscopy and dissection. (3 terms)

Chemistry

Study of essential concepts in chemistry. The first two terms focus on atomic theory and structure, the periodic law, chemical bonding, the gas laws, and the mole concept. The third term emphasizes stoichiometry; acids, bases, and salts; and chemical equilibrium and kinetics. Students explore concepts through regular laboratory work. (3 terms)

Advanced Chemistry (Honors)

A three term course focused on advanced topics in chemistry. Term A includes organic chemistry which a special project focused on Bear Creek and the South Platte River. Term B examines nuclear chemistry, radiometric dating and electro-chemistry. Term C focuses on qualitative analysis and laboratory work. Each emphasizes in-depth research and writing as well as laboratory work with a spectrophotometer. *Dual enrollment course with CCU (CHM 121/131 5 credits). (3 terms – can be taken separately)

Prerequisite: Three terms of Chemistry

Issues in Environmental Science

Exploration of human impact on the biosphere. Highlights include studying and debating climate change/global warming, and critically examining water quality and quantity issues relevant to Colorado and the western United States. (1 term)

Advanced Biology (Honors)

A three term course that explores advanced topics in biology. The first term is cell biology, the second term is genetics and bioethics, the third term is anatomy and physiology. *AP Biology. (3 terms – can be taken separately)

Prerequisite: Biology, Chemistry

Physics (Honors) A, B, C

In Term A classical mechanics (motion) is introduced and examined comprehensively. In Term B wave like forms of energy: sound, light, and electricity are studied. Laboratory work reinforces concepts and develops new ideas. Highlights include hands on projects in each term. Term C examines relativity and advanced topics specially focused on engineering related topics. (3 terms – may be taken separately)

Prerequisite: *Algebra II/Trigonometry/calculus (term C)*

Introduction to Engineering

A science and technology course intended to integrate math, science and computing from previous courses taken at DCS. Four key areas of study include mechanics of motion and the design of machines (mechanical engineering); civil engineering, including computer-aided drafting; electrical engineering; and computer science. Instruction is hands-on with roughly a week's worth of lecture to every two weeks of hands-on project-based "building." (1 term)

Ecology

Study of the principles of ecology. Students examine the major biomes and ecosystems of God's creation as well as the principles and laws that describe and govern their ongoing operation. The class will consist of 4 chapter exams, one poster project and a final project at the end of the course. There will be a field trip to the Wild Life Sanctuary to observe behavioral ecology. (1 term)

*College Credit

Advanced Placement (AP) – Students who successfully complete Advanced Biology may take the AP Biology exam.

Additional fee applies.

Dual Enrollment – If students successfully complete Advanced Chemistry, they are eligible for college credit through our dual enrollment program with CCU.

Additional fee applies.

Mathematics

Expected Program of Study

Graduation Requirement: 9 Courses (3 years),
4 years recommended

College Prep Program

9 – Algebra I

10 – Geometry

11 – Algebra II

12 – PreCalculus or Statistics (Honors)

Statistics Program

9 – Algebra I or Geometry

10 – Geometry or Algebra II

11 – Algebra II or PreCalculus

12 – Statistics (Honors)

Calculus Program

9 – Geometry

10 – Algebra II

11 – PreCalculus

12 – Calculus (Honors)

Algebra I

Study of the real number system—its structure, operations, and properties. Students explore equation solving, factoring, polynomials, functions, and problem solving. (3 terms)

Geometry

Exploration of Euclidean geometry. Instruction stresses deductive reasoning and proofs with the study of parallel and perpendicular lines, congruence and similarity. Emphasis on the integration of geometry and algebra in the investigation of right triangles, circles, area, volume, and constructions. (3 terms)

Prerequisite: Algebra I

Algebra II/Trigonometry

Expansion of the study of real numbers. The complex number system is introduced and the treatment of functions is expanded to include exponential and logarithmic functions, as well as conic sections. Trigonometry wraps up the course, building a sound foundation for future work in mathematics. (3 terms)

Prerequisite: Geometry

Precalculus

In-depth examination of topics studied in previous math courses, including functions and polynomials. Students also examine topics in trigonometry and calculus. (3 terms)

Prerequisite: Algebra II/Trigonometry

Math Applications

Introduction to the varieties of mathematics and their applications. Topics include consumer mathematics, logic, graph theory, set theory, and voting methods. (1 term)

Prerequisite: Algebra II/Trigonometry

Statistics (Honors)

Introduction to statistical techniques and methods and their applications. Topics include probability, distribution, confidence intervals, and designing and evaluating the outcomes of experiments. It also covers hypothesis testing, correlation, regression, chi-square tests, and nonparametric tests. *AP Statistics. (3 terms)

Prerequisite: Algebra II/Trigonometry

Calculus (Honors)

Exploration of college-level mathematics. Topics include functions, limits, derivatives, integration, areas and volumes. Students take the Advanced Placement Exam in the third term. *Dual enrolled course with CCU (MAT 141 4 credits); AP Calculus AB (3 terms)

Prerequisite: *Precalculus*

*College Credit

Advanced Placement (AP) – Students who successfully complete Statistics or Calculus may take the AP Statistics or AP Calculus exam. Additional fee applies.

Dual Enrollment – If students successfully complete Calculus, they are eligible for college credit through our dual enrollment program with CCU. Additional fee applies.

Social Sciences

Expected Program of Study

Graduation Requirements: 9 courses (3 years)

College Prep Program

9 – Western Civilizations, A Global Community, AAA or European History

10 – US History A, US History B, US History C

11 – Electives (1 or 2 terms)

12 – American Government, Electives

Advanced Social Sciences Program

9-12 – Same as above

12 – American Government Honors

Western Civilization

Survey of early humanity and the development of civilization. Students trace the development of Western culture, practicing critical thinking and evaluation skills through the analysis of social, scientific, and religious contributions of ancient civilizations. Highlights include writing a Greek myth and participating in a Roman festival. (1 term)

A Global Community

Exploration of world cultures and geography. Students examine regional differences, challenges, and strengths, analyzing how these elements are shaped by geography. Emphasis on critical reading, study skills, and test preparation. (1 term)

Asian, African, and American Studies

Continuation of Western Civilization into a study of Asia, Africa, and the Americas. Students explore the geography, history and culture of these areas of the world and conduct a comparative study of Eastern religions. (1 term)

Prerequisite: Western Civilization

European History

Continuation of Western Civilization into a study of the geography and history of Europe. Students examine the rise of European society and culture from the fall of Rome to the European exploration of the world. Students trace the growth of Europe as a world power by investigating its social, scientific, and religious development. (1 term)

Prerequisite: Western Civilization

American Government

Survey of American government. Students examine the inner workings of American government, focusing on its origins, structures, and functions. Students consider what it means as a Christian to engage in political action, both locally and nationally. Includes a comparative study of world governments. (1 term)

Prerequisite: senior status

United States History A

Survey of early American history from the Revolutionary War to the Roaring 20s. Students examine the origins of the American governmental system as well as the growth of the nation. Highlights include an independent investigation of personal family immigration history and multiple historical simulations. (1 term)

United States History B

Continuation of the study of American history from Imperialism to post-World War II. This course is a thematic study in which students analyze American foreign policy in relation to contemporary world events. Students hone critical thinking and reasoning skills through debates and projects linked to American involvement in world affairs. (1 term)

United States History C

Continuation of the study of American history from the Cold War through modern events. Students explore how historical forces of the last 60 years have shaped modern America, and engage in multiple cooperative learning experiences to immerse themselves in the culture of the times. Highlights include a simulation of the Cuban Missile Crisis and an in-depth examination of the Civil Rights Movement. (1 term)

Current World Affairs

Examination of modern global issues which shape modern society. An ever-shifting course due to the nature of the news cycle, students investigate hot topics in world affairs via both direct teacher instruction and independent study. Emphasis on research and presentation skills. Students teach at least one class period about a prominent issue in the news. (1 term)

Prerequisite: junior/senior status

Psychology

Introduction to the scholarly study of psychology. Students explore the fundamentals of human behavior and mental processes, and examine major components of psychology, including history, learning theories, personality development, personality disorders and abnormal psychology. (1 term)

Prerequisite: junior/senior status

Developmental Psychology

In-depth examination of human thought, behavior, and emotion as they relate to human development. Students examine how and why people develop as they do from conception to death. (1 term)

Prerequisite: Psychology or Teacher recommendation.

Microeconomics

Analysis of markets and the distribution of limited goods and services. Students examine price, cost, elasticity, and the behavior of households and firms in order to predict the effects of price controls, taxes, international trade, and changes in supply and demand. (1 term)

Prerequisite: junior/senior status

Macroeconomics

Analysis of the performance, structure, and behavior of regional, national, and global economies. Students examine economic factors such as Gross Domestic Product (GDP), employment, price indices, inflation, savings, investment, and trade in order to understand and critique various economic policies. (1 term)

Prerequisite: junior/senior status

US Government and Politics (Honors)

In-depth examination of how the US political system works. Students synthesize knowledge of government and politics to develop practical skills such as organizing events, articulating solutions to social problems, participating in political action, and critiquing modern politics. Highlights include simulations of Supreme Court cases and the organization of a student body election. Earns credit for American Government. *AP Government. (1 term)

Prerequisite: 3.3 GPA in social sciences

*College Credit

Advanced Placement (AP) – Students who successfully complete the US Government and Politics may take the AP Government or the AP US History exam. Additional fee applies.

Religion & Worldview

Expected Program of Study

Graduation Requirement: 7 courses paired with 2 worldview courses (3 years).

College Prep Program

9 – Old Testament Survey, Foundations in Biblical Study

10 – Faith & Discipleship and Heroes of Faith or The Letters

11 – Heroes of Faith or The Letters, elective

12 – Electives

Advanced Bible Program

9-12 – Same as above

12 – Apologetics

Bible Knowledge I

This course is an introduction to the Bible, especially for students with little previous exposure to the stories of the Bible. This course is designed to introduce students to the basics of Christian faith. It will take a look at the most basic ideas of the Bible and Christian faith. The objective is to increase biblical literacy so that students can be successful in future Bible courses. (1 term)

Foundations in Biblical Study

Discovery of the major themes of the Old Testament narrative. Students investigate the breadth of the Old Testament story, focusing on covenant and election as the basis for the relationship between God and his people. This foundation supports the development of a Biblical worldview in the creation-fall-redemption model and enables students to integrate faith insights into their understanding of and experience in contemporary society. May be taken as Freshman Seminar. (1 term)

Old Testament Survey

An introduction into the form and structure of the Old Testament. This course will investigate the authorship, literature, major events, geography, and people of the Old Testament. Attention will be paid to the interpretation of Old Testament events within the context of the Hebrew culture. Students will also see the way that the Old Testament lays a foundation for the New Testament. (1 term)

CS Lewis and the Classics

Recognizing the Sun. No Christian author of the last century has had a broader impact on modern Christian thought than CS Lewis. Beginning with his defense of the faith in response to Freud, through his fantasy writing, and culminating in his radio addresses catalogued in *Mere Christianity*, students learn to recognize God in life just as naturally and inevitably they recognize the Sun. (1 term)

Prerequisite: *Literature Foundations, Foundations in Biblical Study*

Heroes of Faith: *Life and Teaching of the Church*

Exploration of the fullness of the faith. Students encounter the vastness of God's faithfulness to his Church through all generations. Investigating the early church with the study of Acts and moving through the martyrs, monks, and Reformation, and into the present church; students investigate the nature of mature faithfulness as members of God's Church. (1 term)

Prerequisite: *Foundations in Biblical Study*

Faith and Discipleship: *Life and Teaching of Christ*

Challenge to students to consider the impact of their faith on their lives and world. Students investigate discipleship questions by studying Ecclesiastes, Mark, and James. A verse-by-verse examination of the Gospel of Mark enables students to construct a framework for engaging their world as Christ's disciples. (1 term)

Prerequisite: *Foundations in Biblical Study*

World Religions

Survey of the landscape of religious worldviews in our global community. Students investigate and compare the theological and philosophical ramifications of the varied religious traditions that exist in today's spiritually complex world. (1 term)

Prerequisite: *Foundations in Biblical Study*

The Letters - An Epistle Study: *Life and Teaching of Paul*

Applying the Gospel truth. Using the struggle and success of the New Testament churches as a backdrop, students examine the Epistle writings to discover how the truth of Scripture applies to everyday life. Students discover in the letters of Paul the Biblical advice about how to become restorative agents in their churches and communities. (1 term)

Prerequisite: *Foundations in Biblical Study*

Apologetics (Honors)

Rationalizing a personal faith. By wrestling with tough concepts and questions posed from within and without the Christian tradition, students better understand and begin to defend their own faith. Critical study of natural, Biblical, and philosophical truth claims advance a rationalized expression of the student's faith in a culture increasingly hostile to Christian expression. (1 term)

Prerequisite: *senior status*

Worship Leadership Team

Investigation of issues related to Christian worship, especially as they impact the worship life of our Christian high school. Functioning as a Student Worship Team, students develop a vision and theme for a year of student-led chapels, study the Biblical content supporting this theme, and plan and lead chapels for the student body. Emphasis on building skills in teamwork, spiritual leadership, and planning. (1 term)

Prerequisite: *sophomore/junior/senior status, application and teacher recommendations*

Israel in Depth

This course explores the Bible in context of the time and location of the biblical era, especially in preparation for a trip to Israel. Understanding the setting provides a unique and powerful look at Bible stories. The course culminates with a trip to Israel in June. Additional costs for the trip. Students may take the course without going on the Israel trip. (1 term)

Worldview Seminars

Expected Program of Study

Graduation Requirement: 2 courses paired with 7 Bible courses (3 years).

College Prep Program

9 – Freshman Seminar

10 – Engaging American Culture

11 – Engaging World Culture

Advanced Bible/Worldview Program

9-11 – Same as above

12 – Senior Seminar

Freshman Seminar

Combination of Literature Foundations and Foundations in Biblical Study in a seminar setting. Students explore the question “Who am I?” as it relates to literature and the Bible as they develop skills in writing, discussion, and critical thinking. Team-taught in a two-period block, this course is available to freshmen by application only.

Engaging American Culture

Consideration of our place in contemporary American culture. Students study the arts, sports, technology, music, television, movies, politics, fashion, and cuisine of the United States. This course emphasizes critical thinking, reading, writing, and discussion as students are challenged to articulate a Christian response to the culture in which they live.

Prerequisite: *sophomore/junior/senior status*

Engaging World Culture

Multi-sensory celebration of the expression of God’s image in cultures around the world. Students reflect on and develop a Biblical understanding of what God’s Kingdom should “look like,” and consider Christian responses to challenges faced by people outside of North America. Highlights include field trips and opportunities to design and implement in-class “experiences” of other cultures. Required for students who wish to participate in an international Cross-Cultural Experience trip.

Prerequisite: *sophomore/junior/senior status*

Senior Seminar: How, Then, Shall We Live? (Honors)

Exploration of the integration of faith and life in today’s world. Students grapple with contemporary issues through discussion and research culminating in a college-level research paper and public presentation. *Seminar Scholar.

Prerequisite: *senior status*

*Seminar Scholar

Students who complete all four seminar courses are recognized at graduation as a “Seminar Scholar.”

Fine Arts

Expected Program of Study

Graduation Requirement: 2 courses--Art Fundamentals and 1 elective (.67 years)

College Prep Program

9 – Art Fundamentals and/or choir / band

10 – Art Process A, B, or C; and/or choir / band

11 – Art Process A, B, or C; choir and/or band

12 – Art Electives; choir and/or band

Advanced Fine Arts Program

9 – Art Fundamentals, Art Process B and/or C; and/or choir / Band

10 – Art Process A, and B, C (if needed); and/or DC Singers / Band

11 – Studio Art I and II; and/or DC Singers / Band

12 – Studio Art III and IV; and/or DC Singers / Band

Art Fundamentals

Investigation of the basic design elements in two-dimensional works. Students experience challenging, hands-on opportunities to complete assignments using a variety of art materials. Students identify their personal gifts and talents, and develop confidence in their abilities to explore future opportunities in the visual arts. (1 term)

Art Process A

Emphasis on color theory. Students develop an appreciation and awareness of different art processes and artists. Students create work in media such as tempera and watercolor, and textiles such as batik. (1 term)

Prerequisite: *Art Fundamentals*

Art Process B

Investigation into three different schools of art. Students experiment with new mediums while learning about different time periods in the history of art. This course includes an in-depth exploration of printmaking. (1 term)

Prerequisite: *Art Fundamentals*

Art Process C

Introduction to three-dimensional works. Students focus on skills needed to create ceramic forms along with other forms of sculpture. Students also examine sculpture as an art form in Denver. (1 term)

Prerequisite: *Art Fundamentals*

Studio Art I and II

Expansion of foundation skills and the development of a personal style and themes (voice). (1 term)

Prerequisite: *3.3 GPA in art, Art Fundamentals, Art Process I, Art Process II, Art Process III*

Studio Art III and IV (Honors)

Expansion of foundation skills and the development of a personal style and themes (voice). Includes major research study and paper. (1 term)

Prerequisites: *3.3 GPA in art, Studio Art I and II*

Visual Chronicles

Expressions of life reflections. Students create personal journals mixing the media of life, art and creative writing. (1 term)

Concert Choir

Exploration of a variety of musical styles in choral singing. Students gain knowledge in part singing and music theory as it pertains to choral music. Requirements include written work, daily singing, and participation in scheduled concerts. (2 terms – may be taken separately)

DC Singers

Advanced experience in singing and musical theory. Requirements include written work, daily singing, and participation in scheduled concerts. Students in DC Singers must also be in, at least, 1 term of Concert Choir. (1 term)

Prerequisite: *sophomore/junior/senior status, one term of concert choir, audition*

Symphonic Band/Jazz Band

Experience rehearsing and performing standard concert band and jazz band repertoire. All students participate in Symphonic Band; Jazz Band personnel are selected from the Symphonic Band roster. Requirements include participation in scheduled concerts. (3 terms – may be taken separately)

Prerequisite: *prior participation in middle or high school band*

Acting: The Play's the Thing

Development of acting techniques. Students polish their acting skills, learning all that goes into bringing a play to life. This course culminates in the DCHS fall drama production. When possible, the class attends a production at Denver Center for the Performing Arts. (1 term)

Prerequisite: *Shakespeare/Drama*

Technology

Expected Program of Study

Graduation Requirement: 2 courses—
Technology Foundations and 1 elective (.67
years)

College Prep Program

9/10 – Technology Foundations

11/12 – Elective

Advanced Technology Program

9 – Technology Foundations

10 – Digital Media

11 – Graphic Design

12 – Introduction to Engineering

Technology Foundations

Examination of the efficient and appropriate use of technology. Students are prepared for success in high school and beyond by learning about online safety, performing valid Internet research, as well as writing papers, giving memorable presentations, and creating meaningful charts and graphs using the Microsoft Office suite and cloud-based solutions like Google Apps. Students explore more creative uses of technology by writing blogs, creating 3D renderings, programming games and building Google websites. (1 term)

Digital Media

Exploration of capturing and editing moving images. Students use video cameras and computers to record and edit digital video while learning about storyboards, lighting, composition, camera angles, sound recording, pacing, and effects. Students create and critique a variety of shots, clips, commercials, interviews, and longer videos covering a wide variety of topics. (1 term)

Prerequisite: *Technology Foundations*

Graphic Design

Study of visual communication and presentation. Students use computers to learn basic principles of artistic design, while studying typography, logo design, color theory, composition, and page layout. Students use selected software applications to combine words, symbols, and images to create appealing designs, visual metaphors, print publications, and advertisements. (1 term)

Prerequisite: *Art Fundamentals, Technology Foundations*

Introduction to Engineering

A science and technology course intended to integrate math, science and computing from previous courses taken at DCS. Four key areas of study include mechanics of motion and the design of machines (mechanical engineering); civil engineering, including computer-aided drafting; electrical engineering; and computer science. Instruction is hands-on with roughly a week's worth of lecture to every two weeks of hands-on project-based "building." (1 term)

Physical Education

Expected Program of Study

Graduation Requirement: 3 courses—Basic Fitness and 2 electives (1 year)

College Prep Program

9 – Basic Fitness and Conditioning

10 – Elective

11 – Elective

12 – Elective

Advanced PE Program

9 – 11 – Same as above

12 – Advanced Training and Conditioning

Basic Fitness and Conditioning

Introduction to the basics of health fitness, geared to students who want a well-rounded fitness experience. Students participate in cardiovascular activities (including jogging and rope jumping), weight training (including free weight and machine lifts), and flexibility exercises (including stretching activities and basic gymnastic stunts). (1 term)

Team Sports

Team membership and participation in selected sports. Students become active members of a team that competes against other teams in class. Emphasis on “fair play” principles, fulfilling team jobs (e.g., coach, statistician, equipment manager), and experiencing meaningful competition. Each term the instructor chooses different sports dependent upon weather, equipment, and facilities. (1 term – may be taken multiple times)

Lifetime Activities

Participation in selected lifetime activities. Students train, compete, and are evaluated in a variety of sports and activities that can be participated throughout a lifetime. (1 term – may be taken multiple times)

Advanced Training and Conditioning

Intense participation in personalized fitness activities. Students develop a personalized training regimen and work toward accomplishing individual fitness and conditioning goals. (1 term – may be taken multiple times)

Health

Introduction to personal health topics and issues. Students examine health and wellness information about food, diets and supplements; drugs, alcohol, and tobacco; mental health, including attitudes about death and dying; sexual responsibility as part of health; and first aid, CPR and AED use. (1 term)

Interscholastic Sport Participation

If a student participates in a CHSAA interscholastic sport at any level, this participation can count towards 1 PE graduation credit (1 course).

College and Career Readiness

Expected Program of Study

Graduation Requirement – 1 course (.33 years)

College Prep Program

9 – Intro to Overgrad (online)

10 – PSAT test and prep

11 – ACT test and prep, College Exploration

12 – ACT test, Navigating a Complex World,
Senior CHOICE

Overgrad.com

Students (beginning at the 9th grade) are introduced to Overgrad.com, a college search online resource that allows students and parents to research colleges.

College Exploration

The counselors engage the juniors as they begin to make decisions on colleges. Guest speakers present on college exploration and financial aid; college reps connect with students during lunches. The students are also encouraged to attend college fairs (Youth for Christ, NACAP and NACCAP). Time is also spent researching college options, preparing to take the ACT or SAT college entrance exam, and discussing the challenges and opportunities of college.

Prerequisite: Junior status

Navigating a Complex World

Readings/discussion and activity-based course focused on issues related to independent living. Topics include financial and time management, college preparation (including a college visit, application writing, and financial aid), career preparation (including job application and interview practice), cooking/nutrition, exercise, car maintenance, household repairs, media and entertainment analysis, biblical literacy and fostering a dynamic and relevant faith. (1 term)

Prerequisite: senior status

Senior CHOICE

“Challenging Online, Internship and College Experiences”

Opportunity to experience a burst of challenge, excitement and real-world engagement in the final term of the senior year.

- **College Courses** — Enroll in college courses for dual credit (either online or at a local college).
- **Internship** — Students partner with a local business, office or non-profit ministry to serve and learn in a professional work environment.

Prerequisite: senior status, application