



Career Path High

Career Path High Course Catalog 2018 - 2019

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Language Arts (4.0 credits required)

English 9 (required)

1.0 credit – 2-Semester Course

This course will provide them with the opportunity to build on that foundation. They will engage in in-depth analysis of more complex literature, view that literature from its historical perspective, and connect it to other arts. They will write literary analysis, logical arguments, informational/explanatory texts, narratives, and focused research projects. These writing tasks will be both formal and informal. Additionally, they will engage in speaking and listening activities that use and incorporate media and technology. As a result of the reading, writing, speaking, and listening students will do in this course, they will grow their vocabulary and their understanding of how to communicate effectively by making skillful choices when expressing themselves with language. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course

English 10 (required)

1.0 credit – 2-Semester Course

English 10 students will study literature that spans centuries, continents, and genres. Each of the four thematically-integrated units encourages close study of this literature and its context. Students will gain valuable cultural insight as they read and write about works depicting the social, personal, religious, and political struggles and triumphs faced by people all over the world and all through history. Students will continue to build their literacy skills by engaging in focused reading, composition, speaking and listening activities, vocabulary study, and research. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course

English 11 (required)

1.0 Credit – 2-Semester Course

English 11 is a survey of American Literature and literary culture from its inception through the twentieth century. Students will explore the major literary forms, themes, authors, and periods of American Literature. They will understand how this literature represents the experiences of people native to America, those who immigrated to America, and those who were brought to America against their will. Emphasis is placed on a rhetorical analysis of the literature to determine how authors achieve a particular purpose or effect. *Course includes a Project Based Learning Activity.*



English 12

1.0 Credit – 2 Semester Course

(Creative Writing can take the place of English 12 A)

By twelfth grade, students have repeatedly peered through the window to humanity that literature has opened for them. Through it, they have gained valuable perspective on their world, past and present. Their close-textual interaction with literature over the past three years should have heightened their appreciation for those texts, improved their critical and analytical skills in reading and writing, enhanced their speaking and listening abilities, and enriched their academic and personal vocabulary. The window will now open on selected works of European literature from the twelfth century through the twenty-first century. Students will approach this literature chronologically, so they can see the influences on and evolution of the ideas and forms. Writing, research, and speaking assignments will continue to focus on formulating and expressing ideas and arguments about the readings. Particular emphasis will be placed on gaining critical perspective on the relationship between content and form and on synthesizing ideas into clear and concise prose and presentations. *Students will complete and present a Senior Project at the end of this course.*

Prescriptive Course

English Language Arts and Composition

1.0 Credit - 2 Semester Course (Can be taken in place of English 12)

English Language and Composition is a year-long, college-level course that will require independence, initiative, and commitment—not to mention a full schedule of reading and writing assignments. The reward for your efforts will be the empowerment that comes from finely honed communication skills, greatly enhanced chances of college success. *Students will complete and present a Senior Project at the end of this course.*

Creative Writing

.5 Credit / 1 Semester (Can be taken in place of English 12A)

Prerequisite: Grade of B or higher in English

This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

Non-Prescriptive Course



Math

(3.0 credits required – 2.0 must be Foundation courses)

- ❖ Successful completion of Secondary Mathematics I, II, and III or higher.
- ❖ Parents may request that students replace Secondary III with a course from the Applied or Advanced approved course list.
- ❖ Students who successfully complete Calculus have met graduation requirements regardless of the number of credits they have taken.

Foundation Math Courses

Secondary Math I (required)

1.0 Credit – 2-Semester Course

Secondary Mathematics I is a full-year mathematics course intended for high school students who have successfully completed general mathematics for grade 8 or pre-algebra. This course focuses on complex operations of integers and variables while incorporating algebraic techniques and methods in order to develop student understanding of mathematical expressions, and concepts involving linear and exponential functions. Students are exposed to several branches of mathematics and will explore ways in which each one can be used as a mathematical model in understanding the world. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course

Secondary Math II (required)

1.0 Credit – 2-Semester Course

Secondary Mathematics II is a full year high school mathematics course intended for the student who has successfully completed Secondary Mathematics II. This course is designed to prepare students for college-level and real-world mathematical reasoning. The concepts covered in this course integrate the topics of Advanced Algebra, Geometry, Trigonometry, and Statistics. Students are exposed to several branches of mathematics and will explore ways in which each one can be used as a mathematical model in understanding the world. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course



Secondary Math III (required)

1.0 Credit – 2-Semester Course

Secondary Mathematics III is a full year high school mathematics course intended for the student who has successfully completed Secondary Mathematics II. This course is designed to prepare students for college-level and real-world mathematical reasoning. The concepts covered in this course integrate the topics of Statistics, Advanced Algebra, and Trigonometry. Throughout the course, students will perform operations with rational, radical, and polynomial expressions, explore higher order strategies necessary for analyzing multi-level logarithmic, exponential, linear, quadratic and polynomial functions and equations. Students are exposed to several branches of mathematics and will explore ways in which each one can be used as a mathematical model in understanding the world.

Prescriptive Course

Pre-calculus

1.0 Credit – 2-Semester Course

(Counselor/Instructor Approval)

Prerequisite: Grade of B or higher in previous math course

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses: Algebra I, Geometry, and Algebra II. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

Prescriptive Course

Calculus

1.0 Credit – 2-Semester Course

(Counselor/Instructor Approval)

Prerequisite: Pre-Calculus with grade of B or higher

Calculus is a full-year, high school credit course that is intended for the student who has successfully mastered a minimum of four high school level mathematics courses that cover analytical and conceptual algebra (with heavy emphasis on functions), coordinate and plane geometry, and trigonometric functions. It is highly recommended that the student successfully complete pre-calculus as a prerequisite. The course primarily focuses on the skills and methods of analyzing graphical behavior of functions, the definition of a derivative as well as applications of derivatives, integration and their relationships with the graphical function.

Prescriptive Course



Applied Math Courses

Math & Personal Finance (Consumer Math)

1.0 Credit Math - 2 Semester Course

(Grade 12 option or Counselor and Parent Approval to replace Secondary Math III)

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Non-Prescriptive Course



Science

(3.0 credits required – 2.0 must be Foundation courses)

Foundation Science Courses

Earth Science – Grade 9

1.0 Credit – 2-Semester Course

Earth Science is a basic science course intended to further explore the designs and patterns of our planet. This course covers such areas as the origin, history, and structure of the earth. The course strives to teach that each feature of the earth interacts with the others in many critical ways, and the study of these relationships is important to humanity. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course

Biology – Grade 10

1.0 Credit – 2-Semester Course

Biology is intended to expose students to the designs and patterns of living organisms and their interactions with the environment. The student's understanding should encompass both the micro and macro aspects of life, and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, plant structure and function, animal structure and function, and ecology and the environment. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course

Chemistry

1.0 Credit – 2-Semester Course

Prerequisite: Grade of B or higher in Secondary Math II

Chemistry is intended to provide a more in-depth study of matter and its interactions. In preceding years students should have developed an understanding for the macroscopic properties of substances and been introduced to the microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances and teach the symbolic and mathematical world of formulas, equations, and symbols.

Prescriptive Course



Physics

1.0 Credit – 2-Semester Course

(Counselor/Instructor Approval)

Prerequisite: Secondary Math III with Grade of B or higher

Physics is intended to provide a more in-depth study of the physical universe. In preceding years students should have developed a basic understanding for the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, waves, sound and light, electricity and magnetism, and nuclear physics.

Prescriptive Course

Applied Science

Environmental Science

1.0 Credit – 2-Semester Course

Environmental Science is an interdisciplinary course covering a wide variety of topics including biology, physics, geology, ecology, chemistry, geography, astronomy, meteorology, oceanography, and engineering. The course also considers ways in which human populations affect our planet and its processes. Of special emphasis is the concept of sustainability as a means of using resources in a way that ensures they will always be around us.

Prescriptive Course



Social Studies **(3.0 credits required)**

Geography for Life – Grade 9

1.0 credit – 2-Semester Course

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems. *Course includes a Cross-Curricular Project aligned with a DTC Program and a Project Based Learning Activity.*

Prescriptive Course

World History – Grade 10

1.0 credit – 2-Semester Course

World History explores the people, events, and ideas that have shaped history from the beginnings of human society to the present day. *Course includes a Cross-Curricular Project aligned with a Davis Tech Program and a Project Based Learning Activity.*

Prescriptive Course

US History – Grade 11

1.0 credit – 2-Semester Course

U.S. History Foundations to Present covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government, and Citizenship. *Course includes a Project Based Learning Activity.*

Prescriptive Course

US Government & Citizenship – Grade 12

.5 credit – 1-Semester Course

Government focuses on American and international governments. Students will learn about the history of governments, the characteristics of the United States government, political parties, and voting. These areas of focus target two major content strands: History, and Government and Citizenship. *Course includes a Project Based Learning Activity.*

Prescriptive Course



Directed Coursework

Financial Literacy (.5 credit required)

Financial Literacy

.5 credit – 1-Semester Course

Personal Financial Literacy is a semester-length elective designed to help high school students prepare for success in making financial decisions throughout their lives. Topics in the course address the advantages of making sound financial decisions in both the short and long term, income planning, money management, saving and investing, and consumer rights and responsibilities.

Personal Finance - Satisfies the Financial Literacy Requirement

.5 Credit - 1 Semester Course

Students in this course learn basic financial principles that, if applied in their personal lives, will help students succeed financially in today's economy. It includes modules on setting goals, creating budgets, managing checking and savings accounts, building and maintaining good credit, planning for major purchases, such as cars and homes, and planning for the future.

**** This is a Davis Technical College Class and will require on-campus attendance**

Computer Technology (.5 credit required)

Computer Technology - CTE

1.0 Credits - 1 Semester Course (2nd Semester)

In this course students will learn essential skills needed to successfully use a computer in school and at work. You will learn how to use basic operating systems, email applications, word processing fundamentals, spreadsheet fundamentals and electronic presentation fundamentals.

This class fulfills the Computer Technology graduation requirement and provides .5 CTE credit

**** This is a Davis Technical College Class and will require on-campus attendance**



Computer Technology

.5 credit – 1-Semester Course

BCIS is a high school elective that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas: communication skills, business technology, word processing applications, spreadsheet applications, database applications, telecommunications technology, desktop publishing technology, presentation technology, computer networks, computer operating systems

Fine Arts (1.5 credits required)

Art Foundations I

.5 credit – 1-Semester Course

Note: This is a true blended course with some mandatory in-person attendance required. (1 hour weekly)

This course provides an introduction to fundamental techniques and concepts of representational and expressive art within a variety of media.

Art Foundations II

.5 credit – 1-Trimester Course

Prerequisite: Art Foundations I

Note: This is a true blended course with some mandatory in-person attendance required. (1 hour weekly)

This course provides instruction and practice to enhanced fundamental techniques and concepts of representational and expressive art within a variety of media beyond what was addressed in Art Foundations I.

Art History

.5 Credit - 1-Semester Course

Art History is a elective designed to enable students to develop knowledge of the history and theory of art and the relationship between artist, artwork, and society. Students will research and critique periods, styles, and works of art from early civilizations through modern and contemporary art.



Digital Photography I

.5 credit – 1-Semester Course

This course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will use the basic techniques of composition and camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

Non-Prescriptive Course

Digital Arts / Commercial Art

.5 Credit - 1 Semester Course

Prerequisite - Art Foundations I

Digital Arts is a semester-long elective designed to provide computer science students with an introduction to visualization-graphics programming on computers. To equip students for today's digitally driven lifestyle, this course focuses on using a digital camera and the practical application of digital imaging and editing programs. Additionally, students will work with audio-editing programs, and will also examine 3D technology and cinematography.

Theater, Cinema & Film Production

.5 credit – 1-Semester Course

Note: This is a true blended course with some mandatory in-person attendance required. (1 hour weekly)

Lights! Camera! Action! This course will introduce students to the basics of film and theater productions. Students will learn about the basics of lighting, sound, wardrobe, and camera work for both film and theater settings. The course also explores the history of film and theater and the influence that they have had on society. Students will analyze and critique three influential American films: *Casablanca*, *Singin' in the Rain*, and *The Wizard of Oz*.

Non-Prescriptive Course

Music Appreciation

.5 Credit - 1 Semester Course

The goal of this semester-long course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music



began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music.

Music Theory

.5 Credit - 1 Semester Course

Music Theory is a semester-length fine arts elective for high school students. The course recommends prior instrumental, vocal, or music theory study. Using the piano keyboard as a visual basis for comprehension, the course materials explore the nature of music, integrating these concepts: rhythm and meter, written music notation, the structure of various scale types, interval qualities, melody and harmony, the building of chords, transposition

CTE*

(1.0 credit required)

- ❖ Credit is earned through student's Davis Tech's Career & Technical Certification Program. A student must be in 11th or 12th grade to be eligible for program participation. Students may also begin their program during the summer prior to their 11th grade year.
- ❖ 30 hours in a Davis Tech Program transfer to .25 high school credits at Career Path High for CTE and Elective credits.

CAREER MANAGEMENT

.5 Credit / 1 Semester - 10th Grade

Career management is a semester-length high school elective course that assists students in their preparation for career selection. The course is designed to improve workforce skills needed in all careers including; communication, leadership, teamwork, decision making, problem solving, goal setting, and time management.



Health & Physical Education **(.5 Health credit and 1.5 PE credits required)**

Health

.5 credit – 1-Semester Course

This course provides opportunity for students to develop knowledge, skills, and attitudes necessary for practicing lifelong, health-enhancing behaviors. The curriculum focuses on what students can do for themselves to meet the objectives of the state standards and illustrates the impact their attitudes and behaviors have on the world around them. Students will learn they are responsible for their personal well-being and that building a solid foundation of health literacy and decision-making skills can contribute to positive health choices throughout life. In addition, students will explore the impact their personal health has on society as a whole. *Course includes a Cross-Curricular Project aligned with a Davis Tech Program.*

Non-Prescriptive Course

Participation Skills & Techniques

.5 credit – 1-Semester Course

This course includes instruction in lifetime activities. Individual, dual, and team sports activities, with the emphasis on activities offering lifelong participation opportunities. Participation Skills and Techniques is designed to develop competency in different activities. Competency involves the ability to apply the basic skills, strategies, and rules using standardized guidelines or rubric.

Non-Prescriptive Course

Fitness for Life

.5 credit – 1-Semester Course

This course is designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs.

Non-Prescriptive Course

Individualized Lifetime Activities

.5 credit – 1-Semester Course

The purpose of this course is to help students discover activities that they enjoy and activities that they can continue on with throughout their life.

Non-Prescriptive Course

Team Sports/Athletic Participation

.5 credit

This is an optional replacement for Individualized Lifetime Activities.



Electives* **(5.5 credits required)**

- ❖ All 5.5 required high school elective credits are earned through student's Davis Tech's Career & Technical Certification Program. A student must be in 11th or 12th grade to be eligible for program participation. Students may also begin their program during the summer prior to their 11th grade year.
- ❖ <https://www.davistech.edu/programs> to see Davis Tech Program selection
- ❖ 30 hours = .25 credit – 30 Progress hours in a Davis Tech Program transfer to .25 high school credits.
- ❖ Below are electives that can be done in addition to the Davis Tech Requirement and may only be taken in 11th & 12th grade if the student is making satisfactory progress in their Davis Tech Program.

English Fundamentals (I, II, III & IV)

1.0 Credits - 2 Semester Course

English Fundamentals continues to build on the sequential development and integration of communication skills in four major areas: reading, writing, speaking, and listening.

****Assigned to students who show low proficiency on ELA Assessments.**

Math Fundamentals (I, II & III)

1.0 Credit - 2 Semester Course

Math Fundamentals is a full year, high school credit course that is intended for the student who has shown a need for additional math support in developing their math skills. Math Fundamentals will help the student fill gaps and strengthen their background knowledge needed to successfully complete their Integrated Math requirement.

****Assigned to students who show low proficiency in Math Assessments.**

Yearbook

.5 credit – 1-Semester Course

Prerequisite: Instructor approval

This course teaches the necessary skills to produce the school yearbook, which records the entire school year at Career Path High. Students learn magazine journalism that focuses on photography, interviewing, and page layout. Students also learn and establish ethical journalistic behavior.



ACT Test Prep

.125 Credit - 6 Week Course

This course will help you prepare for the ACT on February 20, 2019. Students will work through test taking strategies and practice tests to have the best possible outcome on that big test day.

The below electives may only be taken by students who are on track to complete a Davis Tech Certification.

Psychology -

.5 Credits / 1 Semester

Psychology is an introductory elective course for high school students. Throughout the course students will examine influences on human actions and beliefs, factors influencing behavior and perception, and basic psychological theories. Students will develop and apply their understanding of psychology through lessons and projects that require interaction and observation of others.

Personal and Family Living -

.5 Credits / 1 Semester

This semester-long high school elective takes students on an interactive exploration of the challenges they may face as they transition into adulthood, including constructive conflict resolution, nutrition and health, building healthy families, financial responsibility, and long-term employment.



World Languages

(2.0 credits generally required by Institutions of Higher Education)

- ❖ Spanish offered through Career Path High, other World Languages Offered through the Statewide Online Education Program.
- ❖ Students enroll through the Career Path High counselor.

Spanish I

1.0 Credits - 2 Semester Course

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency. *2 years of a foreign language is required for some universities.*

Spanish II

1.0 Credits - 2 Semester Course

Spanish II is a high school foreign language course that builds upon skills and concepts taught in Spanish I, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency. *2 years of a foreign language is required for some universities.*



***Davis Tech Career & Technical Programs**

As a Career Path High student, 11th and 12th graders are required to be enrolled in a Career and Technical Program through Davis Technical College.

- ❖ Credits earned satisfy 1.0 required CTE credit and 5.5 required Elective credits.
- ❖ <https://www.davistech.edu/programs> to see course selection.
- ❖ 30 hours = .25 credit – 30 Progress hours in a Davis Tech Program transfer to .25 high school credits. Credit will be assigned only when individual classes are completed.
- ❖ Additional credits may be earned/satisfied through Davis Tech courses/hours as accepted and approved by Career Path High Administration.

Released Time – LDS Seminary

Seminary is available through two options:

- ❖ Seminary class is held in the LDS Institute building located on the Davis Tech campus (605 E. DATC Drive) for all grades M-TH from 8-9am. You should sign up through your ward.
- ❖ Seminary can be taken at your LDS seminary on the campus of your high school of residence. You can contact the seminary directly for information and enrollment. This can make attendance at CPH required activities and Davis Tech Program attendance difficult.