

PINE VIEW HIGH SCHOOL

COURSE CATALOG

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Language Arts

Language Arts 10 (1)

Students will read a variety of forms of literature. Students practice following directions, note taking, dictation, and the following writing modes: imaginative/narrative, descriptive/sensory, practical/informative, and persuasive/argumentative.

Honors Language Arts 10 (1)

This class is for the college bound student who is willing to be challenged and who has a strong foundation in Language Arts skills. Students must have a recommendation from their English 9 teacher with at least a B average in their previous Language Arts class. Same basic focus as Language Arts 10.

Language Arts 11 (1)

Students read a variety of forms of literature, concentrating on American Literature examples. Students practice following directions, note taking, dictation, and the following writing modes: imaginative/narrative, descriptive/sensory, practical/informative, and persuasive/argumentative.

Honors Language Arts 11 (1)

This class is for the college bound student who is willing to be challenged and who has a strong foundation in Language Arts skills. Students must have a recommendation from their Language Arts 10 teacher with at least a B average in their previous Language Arts class. Same basic focus as Language Arts 11.

Language Arts 12 (1)

This class fills the district requirement for Language Arts in the 12th grade. It is designed for the college bound student who desires a strong foundation in Language Arts skills. The course emphasizes college level reading and writing skills, including vocabulary development, essay writing, and a research paper.

AP Literature (1)

This course is a college level course stressing reading and writing and is designed to prepare students to receive college credit by examination. Recommended for college bound seniors.

CE ENG 1010 (1)

English 1010 partially fulfills General Education English requirement. It is designed to improve students' abilities to read, analyze, and write expository papers. It provides opportunities to write and revise a number of essays. Activities, library research, portfolios, writing to a style guide, and tests may also be used to prepare students to write college level papers. Successful completers (Grade C or higher) will be prepared to take ENGL 2010. *Prerequisite: ACT English score 17 or higher OR Accuplacer English score 250+*

CE ENG 2010 (1)

Partially fulfills General Education English requirement. Provides opportunities to analyze and write academic papers, including the research-supported essay, through writing and revising a number of essays. Other activities, such as portfolios, library research, and tests may be used to help students improve their writing of advanced-level papers. Successful students will demonstrate competence in the use of standard written English, in analyzing texts, in correctly paraphrasing, summarizing and quoting source material, and in appropriately citing the work of others. *Prerequisite: ACT English score 28 or higher; OR CE ENG 1010*

CE ENG 2200 (1)

English 2200 Introduction to Literature (grades 11-12) Meets 1.0 high school Senior Language Arts credit requirement for graduation. Fulfills the Literature/Humanities General Education (GE) requirement at UTU and is an approved Global and Cultural Perspective course. ENG 2200 aims to increase the enjoyment of literature for all students. Provides basic understanding of novels, short stories, poems, plays, and essays. Students will learn to read analytically and write critically.

Creative Writing I & II (.5)

Students in this class will write in several modes: descriptive, narrative, and creative nonfiction. A portfolio will be required.

Journalism (1)

The objective of this course is to publish the school newspaper. Students are introduced to interviewing, reporting, editing, various forms of writing, and layout design. A written application and interview are required. The class may be repeated.

Mathematics

Secondary Math II (1)

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry and study circles with their quadratic algebraic representations.

Secondary Math II Extended (1)

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry and study circles with their quadratic algebraic representations. Honors students will also represent complex numbers and their operations on the complex plane, solve systems of equations, prove and apply trigonometric identities, express conic sections algebraically, and solve problems using volume measurements.

Secondary Math III (1)

Students in Secondary Mathematics III will focus on pulling together and applying the accumulation of learning that they have from their previous courses. They will apply methods from probability and statistics, expand their repertoire of functions to include polynomial, rational, and radical functions, they will expand their study of right triangle trigonometry to include general triangles and will bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and together with content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Secondary Math III Extended (1)

Students in Secondary Mathematics III will pull together and apply the accumulation of learning they have from previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data, expand their repertoire of functions to include polynomial, rational, and radical functions, expand their study of trigonometric to include general triangles, and use functions and geometry to create models and solve contextual problems. Honors students will also use logarithmic and trigonometric functions using the unit circle, and prove trigonometric identities. Students completing Secondary Mathematics I, II, and III are prepared for Calculus.

Mathematical Decision Making for Life (1)

The course includes mathematical decision making in finance, modeling, probability and statistics, and making choices. The four quarters of instruction are independent of each other. Students will make sense of authentic problem and persevere in solving them. They will reason abstractly and quantitatively while communicating mathematics to others. Students will use appropriate tools, including technology, to model mathematics. Students will use structure and regularity of reasoning to describe mathematical situations and solve problems.

AP Calculus (1)

A course in calculus consists of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. Students should be prepared to receive college credit through AP examination.

AP Statistics (1)

AP Statistics is the high school equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance phenomena. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. The course teaches students how to use graphing calculators to enhance the development of statistical understanding through exploration and analysis of data, assessment of models, and simulations. The course teaches students how to communicate methods, results, and interpretations using the vocabulary of statistics. To develop these communication skills, students are required to prepare frequent written and oral analyses of real data.

CE Math 1010 (1)

Prepared students for courses that fulfill the General Education Math requirement. Concepts emphasized include the properties of the real number system, sets, functions, graphs, algebraic manipulations, linear and quadratic equations, systems of equations, and story problems. Students will be expected to reason mathematically and solve mathematical problems. Successful completion of the course gives students good preparations for college-level math courses. ***Prerequisite: C average or better in Secondary Math 1, 2 & 3***

CE Math 1030 (1)

Fulfills General Education Mathematics requirement for students in Fine Arts, Liberal Arts, Elementary Education, and other degrees. Focuses on development of analytical problem solving skills through the application of various mathematical concepts to real-life problems. Topics include logic; financial math; problem solving; numeration systems; geometry; measurements; probability; statistics; and modeling with algebra. A class presentation is required for this course. Students are cautioned to check degree and/or transfer requirements before taking this course. Course fee required. Prerequisite: MATH 0980 or MATH 1000 or MATH 1010 (Grade C or higher), or ACT math score of 20 or higher, or an equivalent placement score within two years of enrollment in this course. FA, SP, SU. ***Prerequisite: C average or better in Secondary Math 1, 2 & 3.***

CE Math 1040 Intro to Statistics (1)

Fulfills General Education College Mathematics requirement for students majoring in Communications, Social & Behavioral Sciences, Fine Arts, or Liberal Arts. Introduction to basic concepts and methods used in statistical data analysis, includes descriptive statistics, sampling, and inferential methods while emphasizing problem solving and critical thinking. ***Prerequisite: C average or better in Secondary Math 1, 2 & 3.***

CE Math 1050 College Algebra / Pre Calculus (1)

Fulfills General Education College Mathematics requirement for students majoring in Business, Elementary Education, Health Sciences, Science, and other majors. Reviews fundamental algebra; explores polynomial and rational functions; introduces exponential and logarithmic functions and applications; trigonometric functions dealing with graphs, identities, and equations, including inverse functions. ***Prerequisite: C average or better in Secondary Math 1, 2 & 3 AND math ACT score of 23 or better.***

Core Science

Biology (1)

This course exposes students to a wide range of biological science topics in ecology, cell biology and genetics, diversity of life, and change through time. The development of reading, writing, and critical thinking skills in science will be emphasized. Students will acquire basic science skills through participation in various hands-on activities and labs. **Lab Fee: \$10**

AP Biology / CE Biology 1610/1615 (1)

A college level biology course. Emphasis on reading and class discussions about cell biology, genetics and heredity, biodiversity, evolution and ecology. Students can earn college credit by successfully completing the AP Biology exam. Lab fee. ***Prerequisite: Requires an A average in Biology. Must have taken Chemistry & Secondary Math 2 with a B average.*** **Lab Fee: \$35**

Physics (1)

The physics SEEd standards explore the foundational principles of physics including forces, energy, fields, and waves. Students apply the concepts in their work and various hands-on activities. Students should be able to proficiently use multiplication, division, addition, and subtraction. Recommended for students interested in science, engineering, or technical fields. **Lab Fee: \$15**

Chemistry (1)

This is a college prep class designed to prepare the students to successfully complete a college credit chemistry course. It focuses on three main topics: 1. The structure and nature of matter and the changes it undergoes 2. The nature of energy and the changes it undergoes. 3. The interactions of matter and energy. ***Prerequisite: Requires at least a B average in Biology and Secondary Math 2 (SM 1 for Soph.)*** **Lab Fee: \$15**

CE Chemistry 1010/1015 Introduction to Chemistry (1)

Fulfills General Education Physical Science requirement for students majoring in Business, Communication, Fine Arts, Humanities, and other non-Science disciplines. Emphasizes basic chemical concepts within daily life. At the successful conclusion of this course, students will be able to: 1. Correctly use the language of chemistry. 2. Use the Periodic Table of Elements to predict the behavior of atoms. 3. Perform chemical skills (such as balancing an equation or drawing a Lewis dot structure for a covalent compound). 4. Explain how chemical concepts apply to the world around you and your everyday life. ***Prerequisite: Requires at least a B average in Biology and Secondary Math 2 (SM 1 for Soph.)*** **Lab Fee: \$15**

CE Chemistry 1210/1215 Principles of Chemistry I (1)

Fulfills General Education Physical Science requirement for students majoring in Life or Physical Sciences, Engineering, and pre-professional programs (pre-medical, pre-dental, etc.). Provides theoretical and practical framework for further study in the sciences; emphasizes measurement, stoichiometry, the nature of the atom, chemical periodicity, the states of matter, thermodynamics and bonding. Successful completion satisfies pre-requisite for CHEM 1220. Completion of a prior Chemistry course is strongly recommended before enrolling in this course. ***Prerequisite: Requires at least a B average in Chemistry AND requires Math score 25 or higher on ACT or equivalent on ALEX math placement test (or grade C or higher in MATH 1010 or MATH 1040)*** **Lab Fee: \$35**

Science Electives

CE CS 1400 Fundamentals of Programming (1)

This course is designed as an introduction to computer programming using an industry standard programming language (i.e. Java, or C++). Projects will introduce fundamental programming techniques and algorithms such as control structures, data structures, arrays, classes, recursive processes, and reading text files. Students will learn to design, code, and test their own programs. The skills taught in this course are essential for continued work in computer science, computer/software engineering, or information technology.

CE CS 1410 Object Oriented Programming (1)

Required of all students pursuing Computer and Information Technology degrees, open to all students with a general interest in computer programming. Introduces object oriented programming techniques through completion of programming projects of increasing difficulty. ****COURSE LEARNING OUTCOMES (CLOs)**
At the successful conclusion of this course, students will be able to: 1. Construct computer programs in a modern development environment using standard tools. 2. Develop solutions using a range of programming constructs, including control structures, functions, input/output, classes and objects, and data collections. 3. Design and implement programs from English descriptions. 4. Demonstrate the use of correct syntax and semantics in a high-level programming language. Course fee required. ***Prerequisites: CS 1400 (Grade C or higher).***

Astronomy (.5)

Students will learn how Earth connects with the universe. The course begins with a look at human's historical understanding of space and how key discoveries, such as the Earth orbits around the sun and the presence of galaxies, required our understanding of the universe to change. Students will learn: concepts about our solar system, the life cycle of stars, types of galaxies, our neighboring galaxies, famous stars, and constellations, how to find stars, planets, and constellations, discuss the challenges in searching out extraterrestrial life, the formation of the universe -- as best we currently know, and other things we as people are currently studying.

Lab Fee: \$5

Geology (1)

Students will learn fundamental geological principles, including rock and mineral identification, plate tectonics, and geographical features. Students will study how rocks form and their corresponding environments, how environments change through weathering and erosion, and how specific land features can be correlated with plate tectonic environments. Recommended for students who want to develop or practice self-management skills and students who love rocks. **Lab Fee: \$15**

Zoology (.5)

Zoology is the scientific study of the behavior, structure, physiology, classification, and distribution of animals. Emphasis will be given to classification and identification. ***Prerequisite: Must have already taken Biology.*** **Lab Fee: \$10**

Botany (.5)

Botany is the scientific study of the behavior, structure, physiology, classification, and distribution of plants. Emphasis will be given to classification and identification. ***Prerequisite: Must have already taken Biology.*** **Lab Fee: \$10**

Genetics (.5)

Genetics is a .5 elective available to students who have completed biology. The class mirrors the introductory genetics courses taken by university students majoring in the life sciences, which will be invaluable to students pursuing a career in healthcare, biotechnology, or academic research. After students obtain a mastery of the genetics concepts taught in biology (5-6 weeks), they will learn about how multiple genes contribute to a single trait, techniques to determine the location of a gene on a chromosome, and cutting edge technologies that are leading biology into the future. ***Prerequisite: Must have already taken Biology. Lab Fee: \$10***

Computer Science Principles (.5)

This course introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

AP Computer Science Principles (1)

AP Computer Science Principles (CSP) is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. The AP CSP course prepares students for success in other computer science classes including CE 1400 Programming, Web Development, and Game Development.

Computer Programming 1 (.5)

An introductory course in program engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce basic coding concepts and problem-solving skills.

Computer Programming 2 (.5)

This course introduces students to more advanced programming concepts. Students will learn to create more powerful programs within a specific programming language such as Java, Python, C++, or C#. ***Prerequisite: Computer Programming I.***

Engineering Principles (1)

Interested in the field of engineering? This is a project based class where we explore the various disciplines of engineering through practice. Plan, research, design, and even build projects that show your understanding of each engineering area. The first semester is a "hands on" survey of engineering courses that allow students to explore mechanical, civil, electrical, computer, chemical and bioengineering through engineering projects. The second semester will allow students to explore mechanical, civil, electrical, computer, chemical and bioengineering through engineering projects. This is a problem-solving class where students are encouraged to be creative and not be afraid to fail. Some of the world's biggest engineering breakthroughs, such as the modern light bulb, have come from pushing through challenges and eventually coming up with a solution. ***Lab Fee: \$10***

Engineering Capstone (1)

This course is a capstone class that is designed to allow students the opportunity to solve real-world problems using the skills they have learned through their science, technology, math and/or engineering classes. Students will research, develop, test, and analyze their own projects like career engineers. Think of it as a science fair where you get to showcase your skill in preparation for college or a career.

Electronics I (.5)

The first in a sequence of courses that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, Kirchoff's Laws, schematic diagrams, electrical components, and soldering. **Lab Fee: \$20**

Electronics II (.5)

This is the second in a 3-course sequence designed to prepare students to apply technical knowledge and skills to assemble and operate electrical/electronic equipment typical to industry, business and manufacturing. Electronics II covers safety, digital number systems, logic gates states and circuits, truth tables, Boolean algebra, schematics, and digital components. ***Prerequisite: Electronics 1.***

Robotics I (.5)

The first in a sequence of courses that prepares students with a lab-based, hands-on curriculum of building and program robots, drones and even self-driving cars. Every day more and more robots are being designed to do jobs humans don't want to do but will robots take our jobs? This class is designed to help students stay ahead of that evolution along with understanding the ethical considerations . An Android or iOS (iphone, ipad) device is useful but not required to program and communicate with the robots and drones.

Robotics II (.5)

The second in a sequence of courses that prepares students with a lab-based, hands-on curriculum of building and program robots, drones and even self-driving cars. Every day more and more robots are being designed to do jobs humans don't want to do but will robots take our jobs? This class is designed to help students stay ahead of that evolution along with understanding the ethical considerations . An Android or iOS (iphone, ipad) device is useful but not required to program and communicate with the robots and drones. ***Prerequisite: Robotics 1.***

Social Science

World Civilization (.5)

This course is required for all 10th grade students. Students learn about the contributions of the major cultures and societies of the past. This course will cover from the middle ages to the present.

Honors World Civilization (.5)

This course covers the same material as World Civ but in greater depth.

US History II (1)

This course is required for all 11th grade students. It is designed to give the student a review of the American story from the time of discovery to the problems, challenges, and accomplishments of today. The course devotes attention to the economic, social, and political developments in United States History.

AP US History

The AP Program is designed to provide students with the analytical skills and factual knowledge necessary to obtain college credit by examination.

US Government & Citizenship (.5)

This course introduces students to a study of ideas and philosophies of American government and law. Course content a study of the Constitution, the American political and legal system, law and justice, rights, government functions and process and civil participation. Students learn how to become active, concerned, and knowledgeable citizens.

AP Government & Politics (.5)

This political science course explores in depth, the ideas, philosophies, and mechanisms of the American political and legal system. It is designed to provide knowledge and skills necessary to participate in the political process and to obtain college credit by examination in the area of Political Science. Those Students contemplating a career in law or government would profit from this course. This course meets the requirement of US Government and Citizenship.

Psychology (.5)

Introduces the student to the study of individual behavior, emphasizing the manner by which an individual can apply various psychological theories and concepts to better understand their own motives and relationships with other people. **Class Fee: \$4**

AP Psychology (1)

This year long course is intended to introduce students the systematic and scientific study of behavior and mental health. Through this advanced course, students will increase their understanding of Psychology, its methods, theory and research. AP Psychology is a survey course, so students will focus on information from many different areas in Psychology. The objective of this course will be that each student take and pass the Advanced Placement Exam for Psychology. All aspects of the course will reflect this objective. AP Psychology will be taught at the college level and student study habits and participation will require an advanced commitment to study and research.

Sociology (.5)

This course Introduces students to the principles of sociology. Students study society, one's role in it, issues and problems, social change, social movements, and basic institutions including the family, community, political, and social organizations.

Economics (.5)

This course studies economic problems and the methods by which societies solve them: character of the market economy of the United States and its function in the world; and methods of applying economics to one's personal life. Includes a market simulation game and organization of a student corporation.

Current Issues (.5)

This class introduces and investigates some of the major current event issues on a local, national and global perspective. The class will highlight the interdependence of these issues and how our daily lives are related to social, economic and environmental processes. Students will demonstrate through class participation and discussion, activities, and assignments that changes to the way resources are used are possible, that social and environmental problems can be solved, and that we have the collective capacity to overcome the many problems we face.

Financial Literacy

Financial Literacy (.5)

Students will gain an understanding of personal finance principles as they relate to income, money management, spending, credit, saving, and investing. They will use this knowledge and related skills to take individual responsibility for personal economic well-being.

CE Finance 1750 - Personal Finance (.5)

Fulfills General Education Social and Behavioral Sciences requirement and is an approved Global and Cultural Perspectives course. Society is placing increasing responsibility on individuals for their financial well-being (e.g., retirement, health care). This course is devoted to building quantitative skills associated with individual financial decision making and analyzing the connection between individual decisions and societal well-being. This course seeks to address the "how" and "why" in personal financial decisions. Topics covered include credit/debt, property insurance, saving, and investing. The course will draw on multiple disciplines. Economics, finance, and applied mathematics are directly addressed. Public financial policy in areas of political science, law, and psychology are also discussed.

Fine Arts

Ceramics I (.5)

Introduces basic procedures and processes unique to ceramics. Teaches skills in forming clay. Develops the ability to make judgements about the aesthetic quality of ceramic forms. Mastery of the core concepts will be required. Lessons include higher level thinking skills, divergent production, and art criticism. **Class Fee: \$30**

Ceramics II (.5)

Intermediate techniques and skills used in the production of ceramic forms. Further development of the ability to make judgments about the aesthetic qualities of ceramic forms. Mastery of the core concept will be required. Lessons include higher level thinking skills, divergent production, and art criticism. **Prerequisite: Ceramics I**
Class Fee: \$30

Ceramics III (.5)

This is an advanced level course which is essentially an independent study of Ceramics. Individual students will meet with instructor to develop goals objectives, and grading criteria. This class permits a student to excel in one or more areas of ceramic art. **Prerequisite: Ceramics II** **Class Fee: \$30**

Sculpture I (.5)

Making sculptures out of clay. Attendance and effort is key! **Class Fee \$30.00**

Studio Art (.5) \$60.00

This is an Advanced Art course. *You must have taken Drawing 1, Drawing II, and/or Painting. *This class is not open to Sophomore students.** It is also recommended that you visit with the instructor prior to registration. In this class the focus is on: developing your voice as an artist; building on your process of creativity through the use of a variety of media; Art History connections; critical thinking and problem solving; and, building a portfolio for college and trade school program admissions. A Junior or Senior student can repeat Studio Art a second time if they would like to. They would only pay half the fee the second time around, as they would already have received the basic supply kit.

CE ART 1010 (.5)

This course is a one-semester concurrent enrollment course in which students will participate in an overview of Art, Art movements, and historical connections, with credits through Utah Tech University.

Art History (.5)

This course is a non-technical look at the arts (art, music, and theater). The principal periods of art history and the artists most closely associated with each are emphasized. The course will explore the styles and techniques of artists, the role of symbols, the use of elements and principles of design and other means to develop skills for appreciating and discussing works of art in an educated manner. **Class Fee: \$15**

Jewelry I (.5)

Students learn basic jewelry making skills such as filing, sawing, soldering, and stone setting. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics. Students apply art concepts and the principles and elements of design in creating jewelry and small art pieces from precious metals and stones. Additional projects will also be completed in combination with the metalsmithing. **Class Fee: \$30**

Jewelry II (.5)

Students review basic jewelry making skills such as wire work, filing, sawing, soldering, and stone setting. Students will apply art concepts and the principles and elements of design in creating jewelry and small art pieces from precious metals and stones using techniques of metalsmithing. ***Prerequisite: Jewelry I***
Class Fee: \$30

Painting I (.5)

Students use watercolors and acrylics or oil paints to create paintings. **Class Fee: \$40**

Drawing I (.5)

Art Level I - This is the entry-level course for high school students and is based on curriculum standards set forth by the State of Utah. ***This is the **pre-requisite course** to Drawing II, Painting, Printmaking, and Studio Art. *That means that even if you took Art in middle school, you will need to take this class **before** taking other art classes.* In this class students will learn to apply the Elements & Principles of Art; Drawing and shading of basic forms to create the illusion of 3-Dimensional space; and the use of different types of media such as pen & ink, charcoal, oil pastels, watercolor, etc. **Class Fee: \$30**

Drawing II (.5)

Students should have completed the pre-requisite course Drawing 1 here at the high school prior to enrolling in the Drawing II class. (Yes, even if you had Art at the middle school.) This course is based on the Visual Arts Core Curriculum set by the State of Utah with an emphasis on studio production, art history, art criticism, and aesthetics. The class is designed to: 1) review elements and principles of art, and the skills learned at the Art Foundations level; 2) develop skills in rendering from life, pictures, masterworks, and imagination; 3) help student build a portfolio for Studio Art and AP Art. This class will also explore the use of new media in drawing and developing advanced skills. **Class Fee: \$30**

CE MUSC 1010 Intro to Music (.5)

Fulfills General Education Fine Arts requirement. An introductory survey of the elements, style periods, and standard repertoire of Western traditional art music. Emphasis given to improving the student's listening skills. Includes lecture, demonstration, and discussion of representative musical examples and historical background on composers and musical genres. Assignments may include attendance at specific concerts, written projects, and individual listening. Students who successfully complete this course will gain a broader knowledge of musical elements and how they are characteristically used in each major style period, along with developing better listening skills through perception, understanding, and practice.

Intro to Music Theory (.5)

Music theory is the study of the practices and possibilities of music. There are three uses of the term "music theory." The first is the "rudiments," that are needed to understand music notation (key signatures, time signatures, modes, scales and rhythmic notation); the second is learning views on music from antiquity to the present (we focus on the theory of the common practice); the third "seeks to define processes and general principles in music" to analyze music that has been written and to create a framework for writing music. This course is intended for students who have an interest in music. A background in reading note names is suggested. Students will use this course for the fundamentals to prepare for AP Music Theory.

AP Music theory (.5)

This course consists of ear training, part writing, keyboarding, and sight singing for band, orchestra and choir. Music Theory provides the necessary background for students who plan to continue with music at the college level. ***Prerequisite: Intro to Music Theory***

Varsity Band (1)

Open to saxophone, trombone, trumpet, piano, bass, and drum players. This class is for instrumentalists with greater proficiency on their instruments and greater understanding of the jazz idiom. More extensive performance requirements.

Jazz Band (1)

Experience with brass and/or percussion instruments required. Music is inspired by the jazz genre.

Percussion (1)

This class is for all students of percussion who have previously been enrolled in band classes. Students are expected to achieve proficiency in snare rudiments, keyboard-mallet scales & technique, tympani and auxiliary equipment. Fee Required

Concert Choir (1)

This is a large mixed choir for students with the desire and ability to sing in an advanced performing ensemble. “Students will improve vocal production and ear training skills through rehearsals and performing, improve music reading ability and the understanding of mood, form and style in choral music through the exploration of great music literature. This is a performance choir. Costuming is required. **Class Fee: \$25**

Men’s Choir (Lunch) (1)

This choir is open to all male students who can hear, match and reproduce pitch. Class will meet two lunch periods a week

Les Chanteurs (1) *By Audition Only*

This course is for female students who have the desire and the ability to sing in an advanced ladies vocal performance group and in small ensembles.

Trilogy (1) *By Audition Only*

The premier vocal group for those who have the desire and ability to perform in a select mixed chamber choral ensemble. Members must be enrolled in another advanced music group within the regular school schedule and must be flexible to meet a wide variety of performance demands. Vocal production and ear training skills are improved through rehearsal and performance. Attention given to improving music reading ability and the understanding of mood, form, and style in choral music. This is a performance choir. Costuming required.

Beginning Handbell Choir (.5)

Students have the option to participate in the music program at Pine View by taking Handbells. This one semester class teaches the fundamentals of musicianship for all students including those that have had music experience and especially for those who have not. The primary objectives of the class are 1) learn note names, 2) prepare for and participate in a handbell performance and 3) learn a bit about reading music. There are no prerequisite skills required other than to be willing and able to participate meaningfully in the class.

Class Fee: \$25

Advanced Orchestra (1)

Designed to help students develop proficiency in playing string instruments. Emphasis on playing techniques, orchestral literature, style, performance, creativity, and appreciation of music. Fees Required.

Guitar I & II (.5)

Students learn basic finger picking and strumming styles, music reading and writing, and tablature reading and writing, and general theory concepts, such as chord structure and basic harmony/voice leading. Other concepts include: accompaniment, maintenance, stringing nylon and steel string guitars, performance as soloist or member of a band, tuning, rehearsal technique and etiquette. Students need to supply their own guitar and the test, (app. \$10.00). Acoustic guitar is preferred, but electric guitar is acceptable. If using electric, student must bring his/her own small amplifier.

Social Dance I (.5)

This course teaches dance skills and appropriate social skills in a social setting. A brief history is taught regarding folk dance and the basic skills for all dance as it applies to ballroom dancing. Dances taught include: Two Step, Dallas Shuffle, Waltz, Cha-Cha, Tango and East Coast Swing.

Social Dance II (.5)

This course develops further the ballroom experience taught in Social Dance 1. Partnering techniques includes lifts and more difficult choreography. Choreography is also a component of this curriculum along with guest teachers when available. Students will audition for the Annual Spring concert as part of the performance skills taught in class. Students expected to have a basic knowledge of partnering including mastery of introductory level ballroom –waltz and tango, Latin—cha cha and swing. Other dances taught at this level: foxtrot, quickstep, samba, salsa, and lindy hop. Fine Arts or PE Optional credit. Please Note that students are expected to buy authentic ballroom shoes This is an optional class, so fee waivers will not be accepted.

Theater I Beginning Acting (.5)

This is a beginning theatre course. In this class students will explore theatre games to build class unity, theatre vocabulary, play selection, and various aspects of production to include: the audition and rehearsal process, stage management, sound, lighting, special effects, costumes, make-up, hair, scenic design, stagecraft, being a techie, publicity, programs, budgets, and house management. We will also explore the history and tradition of the theater through the study of the Greeks as well as Shakespeare.

Theater II (.5)

This course continues to build upon the foundations learned in Theatre 1. In this class students will explore theatre games to build class unity, theatre vocabulary, basic theatre history, storytelling, scriptwriting, pantomime, nine areas of the stage, stagecraft, acting, beginning auditioning, reading scripts, scene work, musical theatre scenes, one small class production, script analysis, character analysis, character history, performance reviews and critiques. Students will also explore the history and tradition of theatre through the study of Commedia Dell'arte and Shakespeare.

Theater III Advanced Acting (1)

This is an advanced acting class. In this class we will explore theatre games to build class unity, theatre vocabulary, advanced acting techniques, theatre history, verse speaking, character analysis, character history, advanced auditioning techniques, monologues, scene work, directing, one act plays, playwriting, voice and diction, movement for actors, and musical theatre. The students will also begin to build a repertoire portfolio to use in future acting endeavors. MANDATORY PERFORMANCES MAY INCLUDE: Shakespeare Competition, Region Competition, State Competition, A Night Of One-Acts and auditions for productions. .

Stagecraft Tech (.5)

In this course we will study the technical and production elements of the theatrical experience. This hands-on course takes a student through the aspects of theater production from design, to building, and ultimately running a technical performance. Students will study the current production and move through conception, design, and the building of set, prop, and costume pieces. Students will explore lighting design and implementation, stage management, sound design and implementation, costuming, and publicity. They will also help set up and take down for events in the auditorium. Students may work with machinery, power tools, paint, and electronics.

Advanced Tech Theater (1)

This will be a continuation of Stage Craft/Tech 1. Foundations learned in StageCraft/Tech 1 will be built upon in areas of Scenic, Lighting, Sound, Costumes, Properties, and Management. Aspects of marketing and design will also be explored. This hands-on course takes a student through the aspects of theater production from design, to building, and ultimately running a technical performance. Students will study the current production and move through conception, design, and the building of set, prop, and costume pieces. Students will explore lighting design and implementation, stage management, sound design and implementation, costuming, and publicity. They will also help set up and take down for events in the auditorium. Students may work with machinery, power tools, paint, and electronics.

Film and Media Arts (.5)

Using the curriculum created by the Hollywood Academy of Motion Picture Arts and Sciences students will examine films by units focused on screenwriting, cinematography, media literacy, film editing, special effects, animation and more. Students will be able to view films that highlight and support the learned curriculum. Worksheets, tests, quizzes, bellwork, group work, computer work, and projects can be expected.

Basic Digital Photography (.5)

Introduction to digital photography covers how a digital camera works, take quality photographs and how to appreciate photography. Students will learn image capturing and image editing in Photoshop. Concepts will include photo restoration, digital media and storage. They will learn about photo lighting and flash photography. There will be photoshoots and printing of pictures. **Class Fee: \$15**

CE ART 2060 Advanced Commercial Photography (.5)

Advanced commercial photography covers how a digital camera works, how to take quality photographs and how to appreciate photography. Students will learn image capturing and image editing in Photoshop. Concepts will include photo restoration, digital media and storage. They will learn about photo lighting and flash photography. There will be photoshoots and printing of pictures. **Class Fee: \$15**

Foreign Language

French I (1)

Beginning level French course. Includes instruction and practice in the fundamental structure and vocabulary of French.

French II (1)

Instruction and practice in French at the intermediate level. *Prerequisite: French I*

French III (1)

Students at the advanced level demonstrate a growing proficiency in French. They understand and are understood by a native speaker not accustomed to dealing with foreigners. Students speak French during class activities and interactions. *Prerequisite: French II*

Spanish I (1)

This is a beginning level Spanish course. The course includes instruction and practice in fundamental structure and vocabulary. It also focuses on the 3 modes of Communication: Interpersonal, Interpretive, and presentational.

Spanish II (1)

Instruction and practice continue from Spanish 1 to the intermediate levels of listening, speaking, reading and writing. All grammar concepts will be reviewed, and sequential concepts introduced and studied practical to this level of instruction. It also focuses on the 3 modes of Communication: Interpersonal, Interpretive, and presentational.

Spanish III (1)

The focus of this course is review and practice. All grammar concepts will be incorporated into whole language practice with a primary emphasis on communications acquisition. Spanish will be used during instruction as much as possible. Students will be encouraged to use Spanish by way of activities emphasizing listening, speaking, reading, and writing. It also focuses on the 3 modes of Communication: Interpersonal, Interpretive, and presentational.

Spanish IV (1)

This course offers a continuation of Spanish III. The students demonstrate a growing proficiency in all the language skills of listening, speaking, reading and writing. All instruction is presented in Spanish and the students use Spanish for directed classroom activities and interactions. This course is a preparation for taking AP Spanish.

AP Spanish (1)

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives. This course is for students who have taken 4 years of Spanish or who are native speakers that are seeking college credit in Spanish. These students are willing to put forth their best effort in preparing for the AP test.

German I (1)

This is the beginning level German course. Includes instruction and practice in fundamental structure and vocabulary.

German II (1)

Instruction and practice in German at the intermediate level.

German III (1)

Instruction and practice in German at the advanced level.

Healthy Lifestyles

Dance I (1)

Dance is a universal language, an expressive and vibrant art form with the capacity to unify the physical, mental, social, emotional, and spiritual person into an aesthetic expression. Main units of study are modern (predominately), jazz and ballet fundamentals, as well as dance history. Fine Arts or PE optional credit.

Dance II (1)

This advanced beginner/intermediate level dance course builds dance knowledge and skills established in Dance I. Technique, improvisation, choreography, and artistic expression are explored at a greater depth. Modern, jazz, contemporary lyrical, ballet and ethnic genres are studied enhancing the performance level, life skills and cultural awareness. Other curricular areas are utilized as a means of expression through the art of dance. Fine Arts or PE optional credit.

Dance III (1)

This intermediate/advanced level dance course builds dance knowledge and skills established in Dance I and Dance II. Technique, improvisations, choreography, and artistic expression are explored at a greater depth. Choreography is a major component and required concert work is mandatory. Students enrolling for this class should be serious dance students. Fine Arts or PE optional credit.

Health II (.5)

Health Education helps establish patterns of behavior that will assist students in achieving complete health. The course is designed to give students the opportunity to learn, incorporate and process life skills, and develop positive, balanced attitudes about life. Development of a healthy body and a healthy mind helps young people live active, productive, and successful lives. There will be a two week unit on human sexuality which includes instruction and or discussion about sexual abstinence before marriage and fidelity after marriage. Participation in the human sexuality unit requires parent /guardian approval. Students learn of communicable diseases, including those transmitted sexually, and HIV/AIDS.

Fitness for Life (.5)

This course is required for graduation. It helps each student adopt a personal lifestyle that promotes physical fitness. Students must pass the state fitness test.

Individual Lifetime Activities (.5)

Students acquire skills in a variety of lifetime activities that contribute to sustained fitness and well-being.

Class Fee: \$40

Weight Training (.5)

This course is designed to increase strength, speed, quickness, and agility. Through the use of weight training, flexibility exercises, and running, students increase their endurance and improve overall body conditioning.

Class Fee: \$10

Advanced Weight Training (.5)

This course is designed for the student interested in developing flexibility and power for athletics, physical activity, and daily living. The objectives of the course will be to develop flexibility, strength, power, agility and speed of the individual through complete strength and conditioning programs. The class includes initial testing to determine baseline values of strength, power, and speed followed by the participation in a daily strength and conditioning program focusing on the Olympic-style lifts. Students will be required to demonstrate proficiency in lifting technique as well as in physical fitness and tests of strength and power. The goal of the class is to help students achieve optimum levels of physical performance through comprehensive strength and conditioning, and to reduce the chance of injury.

Body Toning (.5)

This course will provide an opportunity to improve muscle strength, cardiovascular endurance and flexibility through a circuit training program using light weights and exercise designed to increase muscle tone and overall body condition. This program is not designed for students wishing to increase muscle bulk through a heavy weight lifting program. **Class Fee: \$10**

Yoga (.5)

This course will provide students with the opportunity to learn and experience some of the many benefits of practicing Yoga. We will cover the brief history of yoga, safety issues concerning yoga, increase body awareness and concentration, flexibility and muscle endurance, spacial awareness, increase multi-limb coordination, and develop an appreciation of the calming and relaxing effect that Yoga provides.

Career Technology Education CLASSES

CTE - Health Sciences

Emergency Medical Responder (.5)

This comprehensive training gives professional responders the knowledge and skills necessary to work as an emergency medical responder until more advanced medical personnel take over. Hand on, scenario-based training exceeds EMR Educational Standards and is approved by the Red Cross Scientific Advisory Council. Topics include: Assessments, Airway and Ventilation, CPR, and AED, Medical and Trauma emergencies, and EMR operations.

Introduction to Health Science (.5)

This semester course is designed to create an awareness of career possibilities in health care and inform students of the educational options available for health science and health technology programs. Instruction includes beginning anatomy and physiology, medical terminology, medical ethics, diseases, and disorders. The course prepares students for the medical Anatomy/Physiology course and for a variety of health technology programs.

Medical Anatomy and Physiology (1)

Provides students with an in-depth study of health care careers including actual clinical experience in a variety of health care settings. Instruction includes intermediate anatomy and physiology, medical terminology and abbreviations, diseases and disorders, medical ethics and first aid. Designed to prepare students for a variety of health technology programs. Counts as a CTE or Science credit. ***Prerequisite: Intro to Health Science or a B average in biology. Class Fee: \$10***

CE Medical Terminology (.5)

Medical Terminology is a one semester course that helps students understand the Greek and Latin based language of medicine and healthcare. Emphasis is placed upon word roots, suffixes, prefixes, abbreviations, symbols, and anatomical terms. This course also stresses the proper pronunciation, spelling and usage of medical terminology. This class is helpful to anyone considering going into the healthcare field.

Sports Medicine (1)

An introduction to Therapeutic careers. Intended for juniors and seniors who are considering a career in a medical field related to injuries and rehabilitation. Career examples include Athletic Trainer, Physical Therapist, Personal Trainer, Sports Nutritionist, Exercise Physiologist, Strength and Conditioning Coach, etc. Activities and labs include learning to tape ankles, elbows and thumbs; conducting a fitness test; and training in basic first aid. Students may attain a CPR card and after passing the state exam, a Certification of completion in exercise science.

Medical Forensics (1)

This year-long course is designed to create an awareness of the branch of health science relating to medical forensics. This course focuses on introductory skills and assessment in order to develop the ability to identify, analyze, and process logically using deductive reasoning and problem solving. Medical forensics involves many aspects of health science instruction including laboratory skills and safety, microscopy, toxicology, measurement, physical evidence identification, pathology, anthropology, entomology, psychology, blood spatter analysis, and career exploration. ***Prerequisite: Biology***

CTE - Family Consumer Science

Sports Sewing/Clothing (.5)

This course introduces students to basic sewing and pressing equipment, textiles, introductory level project construction techniques, and techniques for constructing edge finishes. Family Careers and community Leaders of America may be an integral part of this course. **Class Fee: \$5**

Interior Design I (.5)

An instructional course that prepares individuals to understand the physical, psychological, and social influences relating to housing decisions required for creating a desirable living environment. Students will develop skills necessary to make responsible housing decisions, including such factors as size, style, use, construction, furnishings, equipment costs, and care. Student leadership skills may be an integral part of this course. **Class Fee: \$5**

Interior Design II (.5)

Students learn the design and function of interior space, principles and elements of design, treatments of backgrounds, furniture, architecture, and building materials for interiors and exteriors. ***Prerequisite: Interior Design I*** **Class Fee: \$5**

Fashion Design Studio (.5)

This course introduces students to the world of fashion. Areas to be included are: elements and principles of design, textiles, consumerism and careers, with an emphasis on personal application. **Class Fee: \$5**

Behavioral Health Introduction (.5)

This course prepares students to understand the nature, function, and significance of human relationships involving individuals and families. Topics include: family living, parenting, household and money management, decision-making skills, communication skills, self-awareness, crisis management, and the individual's roles and responsibilities within the family and community. Emphasis will be placed on the uniqueness, needs and interests of individuals and families. FCCLA may be an integral part of the course. By Utah State law, parental or guardian consent is required for a student to participate in human sexuality instruction. State policy states that instruction includes the importance of marriage and the family, abstinence from sexual activity before marriage and fidelity after marriage. Consult the local school district on its policy regarding the teaching of human sexuality and district approved instructional materials.

Food & Nutrition I (.5)

This course is designed for students interested in understanding the principles of nutrition and in maintaining a healthy lifestyle. Attention is given to the selection and preparation of food and personal health and well-being. Family Careers and Community Leaders of America may be an integral part of the course. **Class Fee: \$7**

Food & Nutrition II (.5)

This course is designed for students who are interested in understanding the principles of nutrition and food preparation. Attention will be given to the selection and preparation of food, personal health, individual and family health. Family Careers and Community Leaders of America may be an integral part of the course. Fee required. ***Prerequisite: Food & Nutrition I*** **Class Fee: \$7**

Fashion Merchandising (.5)

The Fashion Merchandising course is an introductory class that teaches the concepts of entrylevel business and fashion fundamentals. The following list of skill strands prepares the student in fashion merchandising in the fundamentals of basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry such as fashion designers, fashion capitals and fashion week, retail merchandise categories, fashion promotion including advertising and social media, and fashion careers. Student leadership and competitive events (FCCLA and/or DECA) may be an integral part of the course.

Individual and Family Relationships (.5)

This is a fun course that includes the study of developing skills to build and maintain a healthy self-concept and effective communication that establish healthy relationships for an individual, family, community, marriage, peers and professionally. This course will emphasize establishing and maintaining relationships based on effective communication, diverse family systems, characteristics of personal development and the impact of relationships on personal and career connection.

Child Development (.5)

This course gives students an understanding of human growth and development. Parenting skills are developed as positive guidance techniques and child related issues are studied. Learning activities, observation techniques, and lab experiences in working with young children may be included. Family Careers and Community Leaders of America may be an integral part of the course. Utah State law requires, parental or guardian consent for the student to participate in human sexual activity before marriage and fidelity after marriage.

CTE - Business

Accounting I/II (1)

Students will develop skills beginning with an understanding of the basic elements and concepts of double-entry accounting systems. Skills will include a knowledge of the accounting cycle, entering transactions in journals, posting to ledgers, compiling end-of-period worksheets, adjusting and payroll systems, and writing and communications examples. Proficiency of automated accounting procedures is encouraged. **The full year can count as a 3rd year math class.**

CE Entrepreneurship (.5)

Students will gain an understanding of the marketing and management principles necessary to start and operate their own business. They will develop an awareness of the opportunities for small business ownership and develop the planning skills needed to open a small business.

Marketing I/Capstone (1)

Marketing 1 explores the seven core functions of marketing which include: Marketing Planning – why target market and industry affects businesses; Marketing-Information Management –why market research is important; Pricing – how prices maximize profit and affect the perceived value; Product/Service Management – why products live and die; Promotion – how to inform customers about products; Channel Management – how products reach the final user; and Selling – how to convince a customer that a product is the best choice. Students will utilize knowledge in hands-on projects which may include: Conducting research, creating a promotional plan, pitching a sales presentation, and introducing an idea for a new product/service.

CE Small Business Management (.5)

This course helps develop student's skills needed to not only manage a business but also to own their own business. These skills include decision making abilities, planning knowledge, human relations, motivational skills, organizational skills, directing and controlling.

Graphics Arts/Business (.5)

In this class, you will learn a little of several programs in Adobe, like Indesign and Photoshop. We will make a business card, a magazine cover, a poster, buttons, stickers and several other projects where you will get to practice learning the programs in Adobe. You will also learn about design and how it applies digitally.

Digital Marketing (.5)

This course is designed to give students a general background in marketing in the digital world. It focuses on skills needed for solving business problems and developing marketing opportunities. These can include eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, and social media marketing.

Sports & Entertainment Marketing (.5)

This is an introductory course that will help students gain an understanding of marketing concepts as they apply to the sports and entertainment industry. The areas this course will cover include: core marketing standards, market segmentation, target marketing, the event marketing triangle (events, fans, and sponsors), sports and entertainment promotion and marketing plans.

Hospitality & Tourism (.5)

The Hospitality and Tourism course provides the student with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours. Students will learn the importance of hospitality and tourism impact on the economy.

Economics (.5)

This course focuses on the study of economic problems and the methods by which societies solve them. Characteristics of the market economy of the United States and its function in the world and methods of applying economics to one's life will be explored.

Customer Service (.5)

The focus of this course is for students to gain an understanding of the skills, aptitudes, and thought processes necessary to achieve customer satisfaction and loyalty in a variety of settings. Students will learn and develop customer service strategies as well as the skills and abilities necessary for working with customers; this will include helping customers to make decisions as well as resolving concerns and issues that may arise.

Leadership Principles (1) (*Business Leadership I and II*)

Business Leadership I

This class teaches how to be an effective business leader. Concepts include the origins of business leadership, organizational leadership, managing business roles and responsibilities, effective leadership communication, business decision making, motivating employees, and inclusion and diversity in leadership.

Business Leadership II

This class teaches how to be an effective leader. Concepts include creating a positive culture, building effective teams, leadership employability skills, consensus building and change management, resolving conflict, change management, and creative problem solving. Students will be asked to participate in teams as both a team member and as a leader to practice the skills they will learn through this course.

Event Planning and Management (.5)

The Event Planning and Management course is designed for students interested in learning about this multi-billion dollar industry. Students are introduced to many facets of event planning including: site selection, budgeting, promotion, and catering. Students will organize, plan, and evaluate various meetings and events. Examples include, but not limited to, conferences, sporting events, weddings, and workshops.

CTE - Agricultural Science

Plant & Soil Science (1)

Students will develop knowledge and skills in a wide range of scientific principles, such as genetics, disease, pest, and management practices. The scientific processes of observation, measurement, hypothesizing, data, gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

Class Fee: \$10

Animal Science I (1)

Student will be exposed to a wide range of scientific principles, such as genetics, anatomy, physiology/nutrition, disease, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and applications are stressed. Career opportunities and educational preparation are examined. Students will identify current topics in animal science, and explore the horse, cattle and other animal industries. This course will also incorporate FFA and SAE. **Class Fee: \$10**

Advanced Animal Science (1)

Students will develop knowledge and skills in a wide range of animal agriculture principles, including anatomy and physiology, health maintenance, waste disposal and facilities. The efficient production and effective management of selected animal enterprises are covered, including beef and dairy cattle, swine, sheep and goats, poultry, and equine. Practices in veterinary medicine and those associated with small animal care are included.

Class Fee: \$10

Equine Science (1)

Students will be exposed to equine science principles which include the history of the horse, anatomy, nutrition, diseases, pests and overall health. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

Veterinary Assistant (1)

This course provides the opportunity for students to explore different avenues of the veterinary profession. Students will be exposed to veterinary science and principles, which include anatomy, physiology, chemistry, animal health and disease, dentistry and laboratory procedures. Students will provide hands on care as they develop skills in the areas of surgical assisting, bandaging, wound care, oral care, and general nursing care.

Class Fee: \$10

CTE - Computer Courses

CE Intro to Web Development (1)

Web development industry programs target individuals interested in demonstrating the baseline of technical knowledge that would allow them to pursue a variety of internet-related careers. Learning objectives and domains examined include Internet basics, Internet clients, Development, Networking, Security and Business Concepts.

Graphic Arts/Digital Media (1)

Digital Media is the process of analyzing, designing, and developing interactive media. Digital Media 1 is the first semester of the first-year digital media course where students will create and learn digital media applications while using elements of sound, video, text, graphics, animation, and digital imaging for various formats. This course is designed to provide students with the basic knowledge and skills related to the creative design industry. It is intended to serve as a starting point for several pathways including Digital Media, Graphics and Printing, 3D Animation and Game Development.

Basic Digital Photography (.5)

Introduction to digital photography covers how a digital camera works, take quality photographs and how to appreciate photography. Students will learn image capturing and image editing in Photoshop. Concepts will include photo restoration, digital media and storage. They will learn about photo lighting and flash photography. There will be photoshoots and printing of pictures. ***Class Fee: \$15***

CE ART 2060 Advanced Commercial Photography (.5)

Advanced commercial photography covers how a digital camera works, how to take quality photographs and how to appreciate photography. Students will learn image capturing and image editing in Photoshop. Concepts will include photo restoration, digital media and storage. They will learn about photo lighting and flash photography. There will be photoshoots and printing of pictures. ***Class Fee: \$15***

Web Development II (1)

Web Development 2 is a course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, Cascading Style Sheets (CSS), and JavaScript. They follow the steps to create a website by planning, designing, developing, deploying, and maintaining of website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in web development as they complete projects and create their own website. ***Prerequisite: Web Development I***

Digital Media II (1)

Digital Media Advanced is a course designed to teach the process of planning, instructional design, development, and publishing of digital media and interactive media projects. Digital Media Advanced is the second-year course within the digital media pathway where students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, 2-D and 3-D graphics, animation, sound, video, digital imaging, interactive projects, etc. These skills can prepare students for entry-level positions and other occupational/educational goals. ***Prerequisite: Digital Media 1 & 2***

Gaming Development I (.5)

This course is designed to provide students with knowledge and project-based experience of fundamental gaming development concepts relating to STEM. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management. This course focuses on 2D game development using an industry ready game engine.

Gaming Development II (.5)

This course is designed to provide students with knowledge and project-based experience of fundamental gaming development concepts relating to STEM. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management. This course focuses on 3D game development using an industry ready game engine.

Computer Systems Repair I (.5)

This entry level IT course teaches students the necessary skills of how to build their own computers along with installing, upgrading, repairing, configuring, troubleshooting, and optimizing other IT equipment. This is a useful course for any student that plans to have any career using computers but especially those that think they may want to pursue a career in IT. If this class is taken in conjunction with Computer Systems II (second semester), a student may become IT Certified as an entry level IT tech.

Computer Systems Repair II (.5)

This course is really the second half of Computer Systems I. It expands on the skills of building computers from the earlier course. This is a useful course for any student that plans to have any career using computers but especially those that think they may want to pursue a career in IT. If this class is taken in conjunction with Computer Systems I (first semester), a student may become IT Certified as an entry level IT tech. Additionally, they may have the opportunity to become Network Certified.

CAD Architectural Design I (.5)

The first in a sequence of courses that prepare individuals for careers in the Architecture, Engineering, and Construction (AEC) industry. This course includes instruction in 2D or 3D Computer-Aided Design (CAD) software to draw a small residential home with an emphasis on blueprint reading.

CAD Mechanical Design I (.5)

The first in a sequence of courses that prepares students to develop technical knowledge and skills required to plan and prepare scale interpretations and technical documentation of engineering and design concepts. Models are created using 3D printers. This includes instruction in the use of 2D Computer-Aided Design (CAD) software, sketching, drawing layout, geometric construction, orthographic projection, and dimensioning. **Class Fee: \$20**

CAD Mechanical Design II (.5)

The second in a sequence of courses that prepares individuals with an emphasis in developing technical knowledge and skills to develop 3D models in support of mechanical and industrial engineers, and related professionals. Models are created using 3D printers. This includes instruction in the use of 3D Computer-Aided Design (CAD) software, model creation, and technical communication. **Class Fee: \$20**

Video Production (.5)

This course is to provide students with hands-on experience in camera operation including lighting, audio, and filming as it relates to creating videos. Students work in Adobe Premiere to create visual and graphic effects in a finished video.

CTE - Skilled Trades

Woods 1 (1)

Students will be instructed in designing, planning and building products related to the construction industry. Activities will involve the proper use of hand tools and power equipment for cabinet making and carpentry. Concepts in mass production and manufacturing are emphasized. Work ethics and productivity are an integral part of classroom and lab/shop activities of this class. Students will accomplish the requirements of the class by constructing a night stand (approx. Cost \$85.00). After completing the nightstand, students may choose to construct other personal projects. **Class Fee: \$85-\$150**

Woods 2 (1)

An activity-oriented instructional course that prepares individuals for entry employment in cabinetmaking. Students will be required to plan and draft the layouts for their projects. This course includes instruction in cutting, shaping, assembling, refinishing, installing hinges, latches, drawer pulls, and other hardware. Fee is varied for projects. Cost will be approximately \$200.00 or more depending on the project.

Prerequisite: Woods I **Class Fee: varies based on projects**

Woods 3 (1)

Students will apply technical knowledge and skills, set up and operate industrial woodworking machinery, and use such machinery to design and fabricate custom cabinets and architectural millwork. It stresses the safe use of trade hand and power tools and machinery used in the production of millwork items. This is considered an advanced woodworking course. **Prerequisite Course: Woods** **Class Fee: \$85**

Intro to Auto (1)

An activity-oriented instructional course that prepares individuals for enrollment in advanced vocational and technical educational courses. This automotive course includes basic technical information through classroom instruction and laboratory experiences directly related to the automotive industry. Activities involve shop safety, use of car and service publications, a general knowledge of the theory of engines, brakes, alignment, transmission, drive line, ignition and electrical systems in the automobile. Advanced skill development includes the diagnosis of minor mechanical problems and preventive maintenance techniques. Work ethics, working as a team player and productivity are an integral part of the classroom and laboratory activities of this class.

Class Fee: \$6

Auto Service Tech (1)

The Maintenance & Light Repair Program was developed for areas where local employers prefer to hire employees who have a broad skill set and general understanding of all automotive systems rather than skill sets with greater depth in fewer automotive systems. In addition to basic core curriculum, students will receive advanced training in the following areas: Engine Repair, Engine Performance, Electrical, Heating & Air Conditioning, Manual Drive Train, Automatic Transmission, Suspension & Steering, and Brakes.

Prerequisite: Intro to Auto **Class Fee: \$6**

Welding Tech Entry (.5)

This course will introduce welding to the students by teaching hand-on welding practices. **Class Fee: \$45**

Welding Tech Advanced (1)

Students will have the opportunity to perform hand-on advanced welding practices. **Class Fee: \$60**

Digital Graphics Arts Intro: Design (Graphic Print Design 1) (.5)

Basic Graphics is an introductory semester course that is designed to introduce students to the essential areas of graphic and visual communications. Elements of design, digital photo reproduction, printing processes, computer graphics, and art preparation will be studied with an emphasis on a “hands-on” approach to learning. Students will print items such as stickers, T-shirts, hats, notepads, business cards, and other print-related media.

Class Fee: \$33

Production Graphics (Graphic Print Design 2) (.5)

The course prepares individuals to apply technical knowledge in the areas of design & layout, related computer and software, safety, printing processes, finishing & binding, and professional skills. The course includes instruction in printing, printing equipment and operation, computer hardware and software, digital imaging, print preparation, and electronic prepress. ***Prerequisite: Digital Graphics Arts Intro: Design (Graphic Print Design 1)***

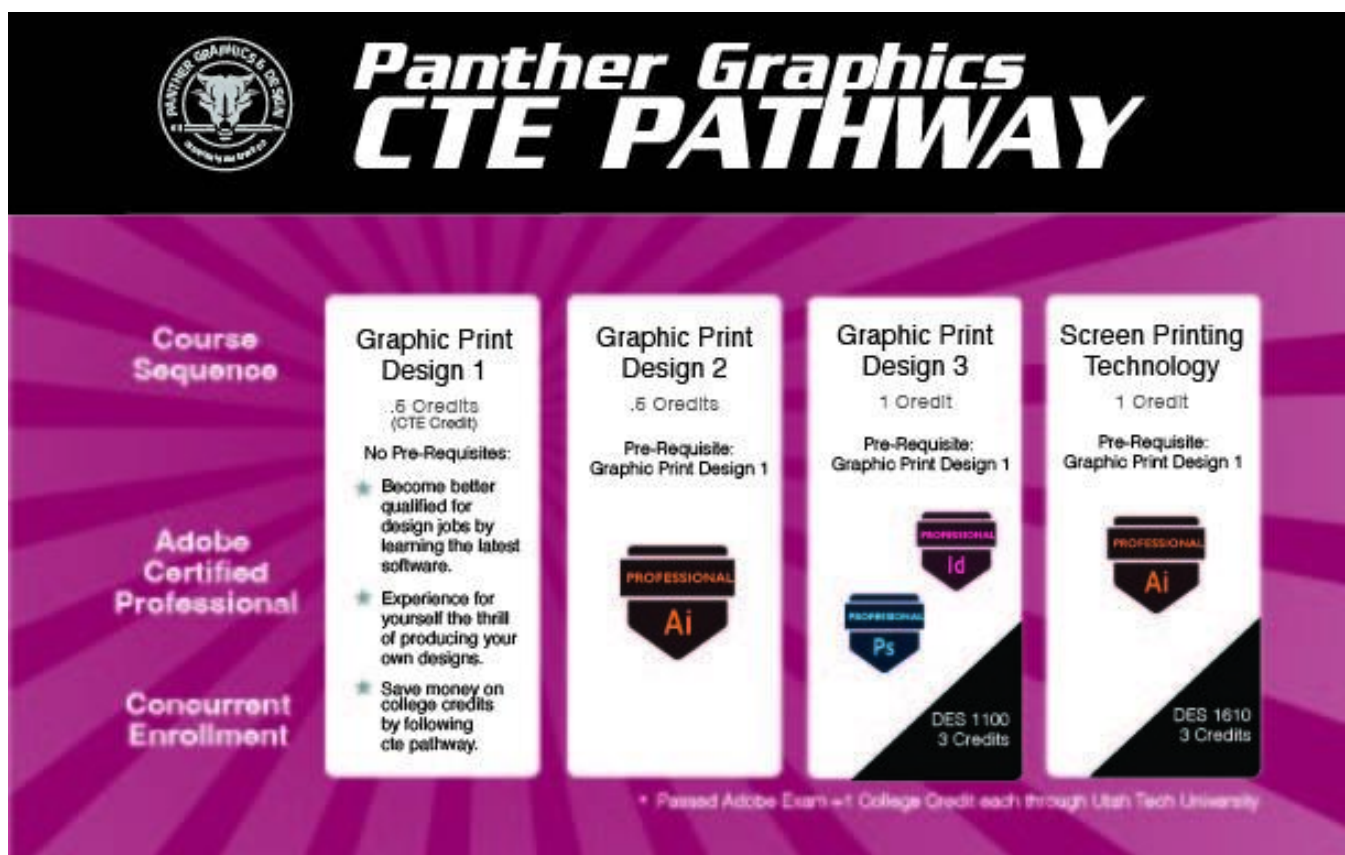
CE DES 1610 Screen Printing (Screen Printing Technology) (1)

For students interested in the screen printing industry on the commercial level. Includes hands-on experiences for printing on various substrates using photographically/mechanically generated stencils, reproducing images with computers for positive reproduction, and multi-color screen printing on fabric. Instruction includes the use of vector image editing software. ***Prerequisite: Digital Graphics Arts Intro: Design (Graphic Print Design 1)***

Class Fee: \$43

CE DES 1100 - Intro to Digital Design (Graphic Print Design 3) (1)

Introduces software and principles related to digital design and visual communications, and the creation and reproduction of art. Teaches how to create and modify digital images, illustration, and page layout using current design software and printing techniques. ***Prerequisite: Digital Graphics Arts Intro: Design (Graphic Print Design 1)*** **Class Fee: \$43**



Carpentry I (2)

This is the first in a sequence of courses that prepares individuals to layout, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. Includes instruction in common systems of framing, construction materials, blueprint reading, concrete placing, siding, and mechanical systems. “We build homes from the ground up...not kidding!” - Mr. Wanlass ***Class Fee: \$10***

Robotics I (.5)

The first in a sequence of courses that prepares students with a lab-based, hands-on curriculum of building and program robots, drones and even self-driving cars. Every day more and more robots are being designed to do jobs humans don't want to do but will robots take our jobs? This class is designed to help students stay ahead of that evolution along with understanding the ethical considerations . An Android or iOS (iphone, ipad) device is useful but not required to program and communicate with the robots and drones.

Robotics II (.5)

The second in a sequence of courses that prepares students with a lab-based, hands-on curriculum of building and program robots, drones and even self-driving cars. Every day more and more robots are being designed to do jobs humans don't want to do but will robots take our jobs? This class is designed to help students stay ahead of that evolution along with understanding the ethical considerations . An Android or iOS (iphone, ipad) device is useful but not required to program and communicate with the robots and drones. ***Prerequisite: Robotics 1.***

ROTC Program

AFJROTC - Science of Flight (1.5)

This consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%). AS200 is an introductory and customized course that focuses on how airplanes fly, how weather conditions affect flight, flight and the effect on the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science related courses and support a Science, Technology, Engineering, and Mathematics education. LE200 is a customized course designed to improve communication, enhance awareness of self and others, and provide fundamentals of leadership and followership. The course focuses on the Air Force Junior Reserve Officer Training Corps (AFJROTC) mission to “develop citizens of character dedicated to serving their nation and community.” Woven throughout is the underlying theme of developing personal integrity. The course also emphasizes leadership and values such as service and excellence. This update incorporates 21st century teaching, learning, and skills of critical thinking, communication, collaboration, and creativity. The Wellness/Physical Fitness portion will incorporate an exercise program focused on individual performance and continual improvement on the Presidential Fitness Test (PFT). The goal is to motivate cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

Electives

Intro to Law Enforcement (.5)

The purpose of this class is to provide students with a basic understanding of a law enforcement career. This is not a legal class on how to beat the system. Topics discussed in class will cover law enforcement history, Utah law, search and seizure law, laws of arrest, traffic investigations, courts, crime statistics, juvenile justice, evidence handling, specialized units, law enforcement as a career, and other topics related to law enforcement.

Reading for Pleasure (.5)

This class has two goals: to improve student reading and to explore the world of imagination. This class is not just a recreational reading class. Students will also become better readers, as they learn strategies to comprehend and decode literature through daily reading, writing, and mini-lessons. The students' reading levels will be assessed throughout the semester and specific recommendations will be made about how to improve their reading.

Creative Writing 1 & 2 (.5)

Students in this class will write in several modes: descriptive, narrative, and creative nonfiction. A portfolio will be required.

Journalism (1)

The objective of this course is to publish the school newspaper. Students are introduced to interviewing, reporting, editing, various forms of writing, and layout design. A written application and interview are required. The class may be repeated.

CE ENG 2200 (1)

English 2200 Introduction to Literature (grades 11-12) Meets 1.0 high school Junior or Senior Language Arts credit requirement for graduation. Fulfills the Literature/Humanities General Education (GE) requirement at UTU and is an approved Global and Cultural Perspective course. ENG 2200 aims to increase the enjoyment of literature for all students. Provides basic understanding of novels, short stories, poems, plays, and essays. Students will learn to read analytically and write critically.

Student Study Skills (1)

This is an elective course that allows students the opportunity to stay caught up on school work.

Office Aide (.5)

Students enrolling as office aides should have basic typing skills and a desire to work with assigned staff members. Students must demonstrate reliability and initiative in performing their job duties. Students may earn a maximum of one credit. This includes Office, Media, and Special Education aides as well.

Media Aide (.5)

Students should have good attendance. Grading is based on effectiveness in task performance, participation, and attitude. Students should be able to follow directions and work cooperatively. Students may earn a maximum of one credit.

Peer Tutor (.5)

Gives student aides the opportunity and training to work with handicapped peers in various settings. Challenged or handicapped students are both mentally and physically handicapped. This is a rewarding course that may be repeated.

Job Sample Tutor (1)

Student aides work one-on-one with disabled peers in both classroom and community settings. Aides are trained to work with students who are both mentally and physically handicapped. First term is spent learning beneficial job skills such as looking for a job, filling out an application, dressing for a successful interview, and how to conduct oneself during an interview. Second through fourth terms are spent assisting these challenged students at their community base jobs.