

FAST FORWARD CHARTER HIGH SCHOOL

Course Offerings & Descriptions 2026-2027

FINE ARTS:

1189 - INTRO to ART-Prerequisite class: CTE 530: COMMERCIAL ART 1: Focuses on the general principles and techniques for effectively communicating ideas and information, and promoting products to business and consumer audiences. This course prepares individuals in any of the applied art media, including drawing, painting, computer graphics, and others. With an emphasis on studio production.

1199 - DIGITAL ART: CTE 530: COMMERCIAL ART 1: This course focuses on digital drawing and graphic design projects. Digital art is an overview of traditional art media and an introduction to new electronic art media used in modern communications, such as Adobe Express and Procreate. With an emphasis on studio production. *Prerequisite class is CA1: Intro to Art*

1120 - JEWELRY 1: CTE 530: COMMERCIAL ART 1: Students are taught basic jewelry making skills such as design principles, bead bracelets, lampwork, wire wrapping and rings, filing, sawing, and sand casting metal. Logo design and promoting products to business and consumer audiences. With an emphasis on studio production. *Prerequisite class is CA1: Intro to Art*

1121- JEWELRY 2: CTE 532: COMMERCIAL ART 2: Students are taught advanced jewelry-making skills, such as spoon rings, wire components, creative wire rings, sand casting, copper enameling, and the lost wax process. Logo design and promoting products to business and consumer audiences. With an emphasis on studio production. *Prerequisite class is Commercial Art 1: Jewelry 1*

1112 - PRINT TECHNOLOGY: CTE 532: COMMERCIAL ART 2: Printmaking teaches how to make fine art prints and production print design and products. Print studio processes such as stamping, relief, lino-cut, and stencil techniques are explored. You will design and screen print a T-shirt. Logo design and promoting products to business and consumer audiences. With an emphasis on studio production.
Prerequisite class is CA1: Intro to Art

1192 - COMIC ART: CTE 532: COMMERCIAL ART 2: Comic Art is an overview of traditional art media and new electronic art media used in modern communications. It focuses on cartooning, graphic novels, and electronic illustration. With an emphasis on studio production.
Prerequisite class is CA1: Intro to Art

1102 - ART SHOW: CTE 534: COMMERCIAL ART 3: An advanced course in the applied visual arts that focuses on the specific principles and techniques for effective visual communication in illustration and/or graphic design. Instruction includes training in software used in concept design, layout, various techniques, and media. Emphasis will be placed on creating a high-quality portfolio of Commercial Art work. Students will exhibit their art in a community art show. *Prerequisite: Commercial Art 2*

1161 - COMMERCIAL PHOTOGRAPHY 1: CTE 537: This course prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations.

1162 -COMMERCIAL PHOTOGRAPHY 2: CTE 539: This course advances individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations.
Prerequisite is CPI: Commercial Photography 1

1180 - SCULPTURE: USBE ART CREDIT: Learn the basic skills used to create 3-dimensional works of art, including casting, carving, construction, and modeling techniques. Layout design and promoting products to business and consumer audiences. With an emphasis on studio production - *Prerequisite class is CA1: Intro to Art*

1100 - PAINTING: USBE ART CREDIT: Painting includes wet media with processes such as transparent and opaque painting and focuses on the operations of color. The Pumpkin Walk, Watercolor, and Acrylic canvases are included. With an emphasis on studio production -
Prerequisite class is CA1: Intro to Art

4335 - YEARBOOK: USBE ART CREDIT: Join the team and design this year's Fast Forward Yearbook - Students gain skills in collaboration, photography, layout design, Adobe Express, Adobe Illustrator, Adobe Photoshop, Procreate, and project management - With an emphasis on studio production. *Prerequisite class is CA1: Intro to Art*

1195 - DRAWING: USBE ART CREDIT: Drawing focuses on black and white, monochromatic, and color rendering from life, pictures, and imagination. This class includes a variety of experimental drawing techniques and portfolio work. With an emphasis on studio production -
Prerequisite class is CA1: Intro to Art

1110 - CERAMICS: USBE ART CREDIT: Ceramics develops basic skills in the creation of 3D forms and pottery from clay. Techniques of pinch, coil, soft and hard slab, and the pottery wheel will be studied. With an emphasis on studio production *Prerequisite class is CA1: Intro to Art*

1160 - FILM PHOTOGRAPHY: USBE ART CREDIT: This course prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of black and white photography. Instruction includes training in specialized camera and equipment operation, film processing, dark room procedures, maintenance, applications to commercial and industrial needs, and photography business operations.
Prerequisite class is CA1: Intro to Art

1449 - GUITAR 1: This course serves as an introduction to playing the acoustic guitar in solo and group settings.

1448 - GUITAR 2: This course serves as an introduction to playing the acoustic guitar in solo and group settings.

1481 - SOUND DESIGN: CTE 816: DIGITAL AUDIO 1: This Digital Audio course focuses on sound design and audio in film, video games, and multimedia.

1484 - BEAT LAB 1: CTE 816: DIGITAL AUDIO 1: This Digital Audio course covers the basics of making beats, loops, and sampling. Students will learn how to use digital audio workstations, microphones, mixing consoles, and more!

1486 - BEAT LAB 2: CTE 817: DIGITAL AUDIO 2: This Digital Audio course covers the basics of making beats, loops, and sampling. Students will learn how to use digital audio workstations, microphones, mixing consoles, and more!

1483 - AUDIO STUDIO 1: CTE 816: DIGITAL AUDIO 1: This Digital Audio course is an introduction to basic piano and keyboard playing. This course also covers using a piano MIDI controller for digital music editing, recording, and songwriting with digital audio software.

1479 - AUDIO STUDIO 2: CTE 817: DIGITAL AUDIO 2: This Digital Audio class is for high-performing music and radio broadcasting students and is required for all Music Ambassador Scholarship candidates. Focus is on building a portfolio of original multimedia projects, which will be shared in the school and the community. *Prerequisite: at least 2 of the following- Beat Lab, Piano Lab, Sound Design, Radio Broadcasting, and/or Music Production.*

1900 - LIVE MUSIC PRODUCTION 2: CTE 817: DIGITAL AUDIO 2: The Digital Audio course covers musical rehearsal and performance, live sound setup/ operation/ and take down, microphone techniques, and multi-track recording. Students will perform in combo groups at the end of the term. *Prerequisite: Prior music experience (band, orchestra, guitar, choir etc. at a previous school or Guitar, Beat Lab, or Piano Lab at Fast Forward.*

1471 - RADIO BROADCASTING 1 (CTE): This Digital Audio course is designed to provide students with the basic knowledge and skills related to the radio broadcasting and music industry. Includes instruction and hands-on projects.

GENERAL EDUCATION:

8465 - FINANCIAL LITERACY: **GRADUATION REQUIREMENT!** Learn basic vocabulary about finances and money. Explore your attitude about money and decision-making. Learn strategies on managing and protecting the money you earn, keep, and spend.

9500 - DRIVER'S EDUCATION: The Utah Driver Education course teaches students the basics of safe driving, including road safety, traffic laws, and vehicle operation. It combines classroom learning with hands-on driving practice. Students will learn how to drive safely, recognize road signs, and follow rules of the road. The course helps prepare students to drive confidently and responsibly.

8521 - DIGITAL LITERACY: Digital Literacy is a foundational course designed to prepare students to be effective, ethical, and responsible users of digital technologies in school, the workplace, and civic life. Aligned with the Utah Digital Literacy and Computer Science Standards, this course builds essential skills in technology use, digital communication, information literacy, and online safety. Students will learn how to access, evaluate, create, and communicate information using digital tools, while developing critical thinking skills needed to navigate an increasingly digital world. Emphasis is placed on responsible digital citizenship, including privacy, cybersecurity, intellectual property, and ethical online behavior. Students will also explore productivity tools, collaboration platforms, and basic problem-solving strategies used in academic and career settings. Throughout the course, students engage in hands-on projects, real-world scenarios, and collaborative activities that promote independence, creativity, and adaptability. By the end of the course, students will be able to confidently use technology to support learning, communicate effectively, and make informed decisions as digital citizens.

8436 - TRANSITION SKILLS: This class is designed to help students on an Individual Education Plan achieve their goals for after high school. The class explores college and career options, job sites, and independent living activities. Students will assess their own skills, needs, and interests, and prepare to lead their team in designing their transition plan.

SEMINARY RELEASE TIME A (0801), B (0802)

ENGLISH:

ENGLISH 9/10: (A - 4095) (B - 4096) (C - 4097): This class focuses on increasing reading and writing skills using grade-level texts. There are A, B and C sections of the English 9/10 course. All sections focus on reading and writing skills, as well as increasing student comprehension. Students are given daily writing drills that are due at the end of each week. These writing drills supplement the main text that the course focuses on, or supplement the short stories studied. At the end of each section, there will be a final paper allowing students to show their understanding of the material taught over the span of the six-week course.

ENGLISH 11/12: (A - 4205) (B - 4206) (C - 4207): This course will focus on the reading and writing standards provided by the Utah State Department of Education. Each class will center on building writing and reading skills with the bulk of the class being spent making connections between the historical and cultural backgrounds of the authors being studied. The classes will also focus on literature that is required for students to gain a well-rounded understanding of both contemporary and canonized writings."

4348 - READING for PLEASURE: This class will be focused on increasing reading comprehension and enjoyment of literature. Students will choose their book from a pre-selected list of grade-level texts. Students will be expected to collaborate with peers in the class and complete weekly check-ins and assignments supporting their comprehension of the text. Students will be challenged at the end of the unit to create a short book report/project

4304 - CREATIVE WRITING: The Creative Writing course will focus on the study of creative writing techniques. The state standards for 11 and 12 grade students will help steer the learning into a focus of the writing craft. Each day of the term, students will be asked to engage in short writing assignments that explore the figurative techniques of writing. At the end of the term, students will be required to write a four-page story that utilizes the techniques and styles that were studied over the course of the term.

MATHEMATICS:

SECONDARY MATH 1: (A - 5452) (B - 5453) (C - 5462): The fundamental purpose of Math 1 is to formalize and extend the mathematics that students learned in the middle grades. Students will deepen and extend their understanding of linear relationships, and contrast them with exponential phenomena. Secondary Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades.

SECONDARY MATH 2: (A - 5457) (B - 5458) (C - 5459): Math 2 is an integrated math course that builds upon the critical areas taught in Math 1 (i.e. relationships between number systems, modeling with quadratics, structure of expressions, probability, similarity, and circles). We teach using the CPM Educational Program, which emphasizes collaborative student study teams and conceptual understanding (learn more at <http://cpm.org/>).

The focus of Secondary Math II is on quadratic expressions, equations, and functions and on comparing their characteristics and behavior to those of linear and exponential relationships from Math 1. The need for extending the set of rational numbers arises, and real and complex numbers are introduced so that all quadratic equations can be solved. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course.

SECONDARY MATH 3: (A - 5460) (B - 5461) (C - 5466): Secondary Math III focuses on the deep investigation of functions and their behavior. Students will analyze how graphs intersect, transform, and invert to reveal mathematical patterns. The course introduces the power of logarithms and masters the relationship between sine, cosine, and the unit circle. By focusing on practical, applied scenarios, students learn to use these analytical tools to solve complex problems and build a foundation for higher-level mathematics.

8468 - MATH OF PERSONAL FINANCE: The purpose of *Math of Personal Finance* is to empower students with knowledge and application of basic financial principles so that they can make sound financial decisions for life. This course inspires students from all backgrounds to achieve financial well-being and fosters an understanding and appreciation of ethical money management.

5352 - STATISTICS: What percent of people read YouTube comments while a video is playing? What percent of people lock their cars after parking them in a public parking lot? Questions like these about populations can be answered with statistics! Statistics help us get a pretty good idea of uncertain values. Students will gather, graph, examine, compare, and interpret data. They will describe data and make informed decisions and predictions based on data.

8469 - MATHEMATICAL DECISION MAKING FOR LIFE: The goal of this class is to help students explore different aspects of their lives after high school that require math knowledge and skills. This course encourages students to explore money management, discover important skills in making significant decisions such as buying a car, renting or buying a house, and plan for the future. They will gain an understanding of budget methods, the importance of credit, and how

HEALTHY LIFESTYLE:

7150 - HEALTH: The Health II course intends to help you make independent, informed decisions concerning your physical, mental, emotional, and social well-being. It encourages you to discover your capabilities and responsibilities for attitudes and patterns of behavior that will promote a full and satisfying life. Throughout the course, some units of study will include (Health & Wellness, Decision-making/Goal Setting, Self-Esteem, Stress Management, Mental Illness, Personal safety/First -aid, and growth & development, STI's/Diseases, and Substance Abuse)

7718 - INDIVIDUAL LIFETIME ACTIVITIES: By the end of high school, students will be college and career ready, as demonstrated by the ability to plan and implement different types of personal fitness programs, demonstrate competency in lifetime activities, describe key concepts associated with successful participation in physical activity, model responsible behavior while engaged in physical activity, and fill a need for self-expression, challenge, social interaction and enjoyment.

7719 - FITNESS FOR LIFE: By the end of high school, students will be college and career ready, as demonstrated by the ability to plan and implement different types of personal fitness programs, demonstrate competency in lifetime activities, describe key concepts associated with successful participation in physical activity, model responsible behavior while engaged in physical activity, and fill a need for self-expression, challenge, social interaction and enjoyment

7720 - PARTICIPATION SKILLS: By the end of high school, students will be college and career ready, as demonstrated by the ability to plan and implement different types of personal fitness programs, demonstrate competency in lifetime activities, describe key concepts associated with successful participation in physical activity, model responsible behavior while engaged in physical activity, and fill a need for self-expression, challenge, social interaction and enjoyment

7709 - WEIGHT TRAINING 1: An introductory weight training course that provides the student with the needed information to develop a personalized strength program. Teaches proper lifting techniques. Demonstrates methods to increase muscular strength and endurance. Learn the names of major muscle groups. Learn the names of different gym equipment and proper etiquette. Introduction to nutrition.

7710 - WEIGHT TRAINING 2: An advanced course for students who wish to maintain their individualized weight training program. Students will write their own program and set standards or goals that are attainable throughout the training period. Students will learn advanced techniques and exercises to further their knowledge in weight training. Intro to nutrition.
(Prerequisite: *Weight Training 1*)

SOCIAL STUDIES:

6320 - PSYCHOLOGY: Psychology is the scientific study of the human mind and its functions, especially those affecting behavior in a given context. In this course, we will be learning about the history, theories, and research behind psychology.

6340 - SOCIOLOGY: Sociology is the study of the development, structure and functioning of human society. In this course, we will be looking at theories, research, social class, and social structures

6200 - WORLD GEOGRAPHY: World Geography is a high school social studies course that examines the relationships between people, places, and environments across the globe. Aligned with the Utah Core Social Studies Standards, this course emphasizes geographic reasoning, spatial thinking, and the use of geographic tools to understand global patterns and regional differences. Students explore physical geography concepts such as landforms, climate, ecosystems, and natural resources, as well as human geography topics including population, culture, migration, urbanization, economic activity, and political organization. Through the analysis of maps, data, case studies, and current global issues, students learn how geography influences human behavior and how humans, in turn, shape the environment. The course encourages students to think critically about global interdependence, sustainability, and cultural diversity while developing skills in inquiry, evidence-based reasoning, and geographic analysis. By connecting geographic concepts to real-world challenges—such as climate change, resource distribution, and globalization—students gain a deeper understanding of the modern world and their role within it.

6144 - U.S. GOVERNMENT: This course is designed to help students gain an understanding of the foundations of the United States' government. Students will also learn about civil rights, civil liberties, civic responsibilities, distributions of power in the federal government, and how the Constitution is a living document.

6145 - AMERICAN CONSTITUTION: In this second course involving the U.S. Government, students will learn about the role of democracy and civic participation in the U.S. through a series of case method articles. These cases showcase historic moments when democracy was either threatened or increased as a result of the event.

6130 - U.S. HISTORY A: Includes events and issues in United States history from the Age of Exploration (1500s) through Reconstruction (1877). Topics include American Indian life, European exploration and colonization, the Revolutionary War, the creation of the Constitution, social reform movements, Westward expansion, the Civil War, and Reconstruction

6131 - U.S. HISTORY B: Addresses the making of modern America, highlighting the events and issues in United States history from the late Industrial Revolution of the 1880s to the end of WWII (1945). Topics include the Second Industrial Revolution, immigration, imperialism, the Progressive movement, the Roaring '20s, the Great Depression, and the World Wars.

6133 - U.S. HISTORY C: This section of U.S. History presents the events, groups of people, social conditions, and impacts and effects of WWII that begin the era known as the Cold War and move into the current times (21st century). The conflicts of the Korean War, Vietnam War, and the continual struggle to contain communism are discussed at the beginning of the course. Other major social movements are brought up, such as the Civil Rights movement, counter-culture movements like Beatnik and Hippie movements. In addition to movements and conflicts, we will explore technological advances: introducing space programs, computers, cell phones, and satellites, to name a few. Besides analyzing events and researching different facts, this course will provide opportunities to critically think about why these events occurred and what the consequences are. Current events are addressed with connections to past events as well

6134 - MILITARY HISTORY: In this course we will cover both elements of world and U.S. history topics such as the American Revolutionary War, the U.S. Civil War, imperialism, colonialism, alliances and pacts, nationalism, militarism in the early 20th century, World War I, World War II, Korean War, Vietnam War, the Persian Gulf War, War on terror, and military conflicts in today's world. We will look at battle tactics and strategies, weapons, and other military technology developments. We will discuss the causes and effects of these wars on the civilian population, the world balance of power, the impact on the world economy, and the effect on trade and military alliances.

(Prerequisite: US History A or B)

6220 - ANCIENT WORLD HISTORY: In this course, we will cover concepts within the topics of the Neolithic Revolution to the end of the Middle Ages.

6230 - MODERN WORLD HISTORY: This course is the second phase of world history that starts in the European Renaissance and continues until early-20th century imperialism

6132 - CONTEMPORARY WORLD HISTORY: This course will explore the world when the major conflicts emerge (like WWI and WWII), all the way to present world issues like poverty, immigration, global warming, global trade, and terrorism, and political systems.

6680 - INTRODUCTION to CRIMINAL JUSTICE (CTE): This course exposes students to three components of the criminal justice system: Police, Courts, and Corrections and their place in American Society.

6685 - INTRODUCTION to CORRECTIONS (CTE): This course prepares individuals to perform the duties of correction officers on a local, state, or federal level. Including the history, basic functions, and administration of corrections in our criminal justice system. Purpose to introduce students to the basics of rehabilitation, methodology, diversion, intermediate sanctions, prison/jail system, juvenile corrections, probation/parole systems, sentencing, appeals, basic crime prevention methods, and other routine correction enforcement responsibilities.

6683 - LAW ENFORCEMENT (CTE): This course prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, evidence collection and management, court procedures and the law in general. Basic crime prevention methods, weapon and equipment operation, equipment maintenance, and other routine law enforcement responsibilities.

6684 - CRIMINAL LAW (CTE): This course examines the evolution of constitutional law, crimes, defenses, and the historical origins and functions of criminal law in our society. Topics include sources of the United States Supreme Court cases. *Prerequisite: Law Enforcement*

6686 - CAREERS IN CRIMINAL JUSTICE (CTE): This course provides an overview of the various jobs and careers within the criminal justice system. This includes jobs and careers in law enforcement, in the courts, and in corrections. Students that are interested in a criminal justice occupation will be able to explore and understand the educational, physical, mental, and emotional requirements necessary to pursue those careers. This course relies upon the use of guest speakers from various occupations within the criminal justice system.

8437 - BUSINESS COMMUNICATION (CTE): Business Communication affects all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with a solid communication base, so they can communicate effectively.

6687 - REAL ESTATE (CTE): Students will be introduced to real estate basics that include the scope of the real estate business, usage of the land, land description, ownership, contracts, deeds, mortgages, title search and closings, liens, financing sources, the appraisal process, investments in real estate, and the sales and marketing process. Students will broach real estate marketing and sales through ethics, human resources, employee relations, customer relations, the use of product knowledge, and the use of advertising and the media. Exposure to real estate terminology, forms, and contracts is an integral part of this class.

FAMILY & CONSUMER SCIENCES:

6697 - INDIVIDUAL AND FAMILY RELATIONSHIPS (CTE): Build your self-esteem. Learn effective communication skills. Establish healthy relationships for an individual, family, community, marriage, peers, and professionally.

8455 - INTERIOR DESIGN 1 (CTE): Identify and use the elements and principles of design. Other topics include furniture arrangement, floor plan evaluation, space planning, and design-related careers. Create your own design of a bedroom.

8456 - INTERIOR DESIGN 2 (CTE): Apply the elements and principles of design to interiors. Topics include: architecture, furniture styles and constructions, fabric, paint, design, and function of space and lighting. For the final project, design a room and create a presentation board to show a potential client. *Prerequisite for this course: Interior Design 1*

6692 - SEWING 1 (Sewing Construction and Textiles I) (CTE): Learn to sew! Use a sewing machine to sew multiple small projects. Fabric and thread will be provided. Sewing machines will have to be shared among all classmates. When not sewing, students will complete online modules. You get to keep every project you make.

6691 - SEWING 2 (Sewing Construction and Textiles II) (CTE): Make a stuffed animal and a hoodie. Fabric and thread will be provided. Sewing machines will have to be shared among all classmates. When not sewing, students will complete online modules. You get to keep every project you make! *You must take Sewing 1 first.*

8450 - FOOD AND NUTRITION (CTE): Learn to cook! Focus on food safety and sanitation while learning about the nutrition of food. Learn about dietary guidelines and create food dishes incorporating all the food groups. We will cook food once per week.

8454 - DIETETICS and NUTRITION (CTE): Review kitchen management and sanitation. Study the nutritional needs of individuals with various dietary needs. Practice meal planning while making pastries, sauces, and salads. We will cook food once per week.

6695 - LIFE READINESS (CTE): Explore career opportunities and gain skills for your future. We will go on weekly field trips to explore various careers. Create a resume and practice interview skills. Learn how to dress and behave when applying for a future career.

6693 - CTE INTERNSHIP 11-12 (CTE): 11th & 12th graders only Go out into the community and learn about a career that interests you. Most of the class time will be spent with you outside the classroom, observing and working at a job site. Write weekly posts about what you are doing and what you are learning. Return and report all the cool things you did.

SCIENCE:

EARTH SCIENCE: (A - 3500) (B - 3501): In this course, we will examine "spheres" that make up the Earth System, including.... earth's water (hydrosphere), land (geosphere), life (biosphere), air (atmosphere), and how these "spheres" interact with each other and the sphere of human interests, the astrosphere. We will examine each of these spheres in accordance with the USOE Earth Systems core curriculum.

3538 - ZOOLOGY I: Zoology is the study of animals. In this class, we will study: insects, arachnids, amphibians, reptiles, birds, and mammals. Special attention will be given to animals from each group that live in Utah. Dissections are a part of this class. During this class, we will dissect: large grasshoppers, frogs, pigeons, and rats. *An online-only version of this class that students can take from home is available*

3534 - ZOOLOGY II (Exotic Animal Care): In this class, you will learn how to care for exotic animals commonly found in pet stores. You learn how to care for these animals and the science behind their care. We will cover the care of tropical fish, amphibians, reptiles, and some invertebrates. Students who complete this course will receive a certificate of completion they can use to help get a job working at a pet store.

3539 - MICROBIOLOGY: Microbiology is the study of microbes, which are small living things that can only be seen with a microscope. In this class, we will study bacteria, fungi, viruses, and how microbes are used to make food. For each group of microbes, we will cover their basic structure and function, and how those microbes cause diseases. This class includes labs almost every day and two field trips: one to the microscopy lab at Utah State University and one to Gessner's cheese plant. *An online-only version of this class that students can take from home is available*

3510 - BIOLOGY A: Biology is the study of all living things. In this class, we will study the basics of how all living things work. This class will cover: cells, basic biochemistry, photosynthesis, cellular respiration, and cell division. This class involves almost daily lab activities and meets half of the state requirement for graduation. *An online-only version of this class that students can take from home is available*

3511 - BIOLOGY B: Biology B is the second half of biology and covers: DNA, proteins, genetics, evolution, and ecology. This class involves almost daily lab activities and meets half of the state requirement for graduation. *An online-only version of this class that students can take from home is available*

3512 - ANIMAL SCIENCE I (CTE): This class is an introduction to animal agriculture and the science involved in raising animals. This class will cover the nutrition and feeding of animals, and the reproduction of horses, cows, pigs, sheep, and chickens.

3516 - ANIMAL SCIENCE II (CTE): Animal Science II covers more details on animal agriculture, specifically covering the digestive and reproductive systems of cows, horses, pigs, sheep, and chickens. In this class, we will do some dissections of the digestive and reproductive systems of animals used in animal agriculture. Just like in Animal Science 1, I will also cook for you a few times during the class. *Prerequisite: Passing grade in Animal Science I.*

HUMAN ANATOMY & PHYSIOLOGY (A- 3514) (B - 3515): (11 - 12): Human Biology covers the organ systems of the human body as well as research, disease, and other problems associated with these systems. *11 – 12 grade only*

3100 - CHEMISTRY A: Chemistry A focuses on the structure and properties of atoms and the foundational principles that explain how matter is organized and behaves. Students explore atomic structure, isotopes, radioactive decay, nuclear reactions, and the organization of elements within the periodic table. Instruction emphasizes conceptual understanding, model-based reasoning, and data analysis through guided labs and investigations. By the end of Chemistry A, students will be able to describe atomic composition, explain nuclear processes, and use the periodic table to predict elemental properties.

3101 - CHEMISTRY B: Chemistry B builds upon the concepts introduced in Chemistry A by examining molecular structure, chemical reactions, and energy changes in chemical systems. Students investigate chemical bonding, molecular properties, reaction types, conservation of matter, reaction rates, equilibrium, and energy transfer. Real-world applications, laboratory experimentation, and problem-solving are emphasized throughout the course. By the end of Chemistry B, students will be able to analyze chemical reactions, explain energy changes, apply conservation principles, and evaluate the role of chemistry in environmental and societal contexts.

FFCHS TECHNOLOGY:

8020 - TELEVISION BROADCASTING 1 (CTE): The purpose of this course is to provide students with a basic level of video production skills. The world of broadcasting is very exciting, and it is the intent of the class to give students experience within this field.

8035 - TELEVISION BROADCASTING 2 (CTE): The purpose of this course is to build upon previous beginner class work and gain a more thorough understanding of broadcasting. Students will work in groups on projects with realistic deadlines.

Prerequisite: TV Broadcasting

8025 - VIDEO PRODUCTION 1 (CTE): The purpose of this course is to provide students with a basic level of video production skills. Students will work in groups on projects with realistic deadlines. The world of video production is very exciting and it is the intent of the class to give students experience within this field.

8044 - ADVANCED VIDEO PRODUCTION (CTE): The purpose of this course is to continue to develop skills within video production at a higher level of competence. The world of video production is very exciting, and it is the intent of the class to give students a more in-depth experience within this field. *Prerequisite: Beginning Video Production*

8040 - DIGITAL MEDIA I: (CTE): This is a basic course dealing with the study of communication graphics using the computer as a creative medium. Hands-on software training directed toward the art of visual design and aesthetic expression will be emphasized. Several projects will be created using the Adobe Creative Suite. Various forms of digital output and communications will be discussed. Critical reviews of projects will focus on the elements and principles of design.

8041 - DIGITAL MEDIA II - 2D ANIMATION (CTE): Digital Media is the process of analyzing, designing and developing interactive media. Students will create and learn digital media applications such as 2D animation, stop motion, audio recording and mixing, and video production.

8033 - 3D ANIMATION (CTE): The purpose of this course is to build a solid foundation in Cinema 4D and general 3D animation concepts. By the end of the course, students will feel comfortable navigating the Cinema 4D interface and using the software to do basic 3D modeling, animation, texturing, lighting, and rendering tasks. *Prerequisite: Digital Media or Video Production.*

8028 - DIGITAL STORYTELLING - VPII (CTE): The purpose of this course is to build upon previous beginner class work and gain a more thorough understanding of storytelling. Students will learn how to correctly write scripts as well as communicate using visuals.

Prerequisite: Video Production 1.

8030 - DOCUMENTARY - VPI (CTE): The purpose of this course is to familiarize students with the form of non-fictional documentary storytelling. Students will become familiar with all aspects of documentary production, ranging from using cameras, lighting, recording audio and editing video.

0000 - INTRO TO DRONES (CTE): Intro to Drones is a hands-on course where students learn how to safely fly drones and use them in real-world situations like photography, mapping, agriculture, and search and rescue. Students will practice flying, plan missions, and explore how drones are used in modern careers. The class meets **on FRIDAYS ONLY**, giving students more time to get outside and actually fly. No prior drone experience is required. This class prepares students for future FAA Part 107 certification and entry-level drone-related careers.

CAREER PATHWAY AT FAST FORWARD

BROADCASTING & DIGITAL MEDIA:

Explorer Courses:	Digital Media 1 Digital Media 2 Video Production 1 Documentary- VP1
Concentrator Courses:	TV Broadcasting I 3D Graphics 1 Digital Storytelling- VP 2 Beat Lab- DA I Audio Studio I- DA I Sound Design in Film- DA I Radio Broadcasting 1
Completer Courses:	CTE Internship TV Broadcasting 2 Advanced Video Production- VP 2 Beat Lab 2- DA 2 Live Music Production 2- DA 2 Radio Broadcasting 2

GRAPHIC DESIGN & COMMUNICATION:

Explorer Courses:	Intro to Art- CA 1 Jewelry 1- CA 1 Digital Art 1- CA 1 Commercial Photography 1 Digital Media 1 Digital Media 2 Interior Design 1
Concentrator Courses:	Comic Art- CA 2 Print Technology- CA 2 Jewelry 2- CA 2 Commercial Photography 2
Completer Courses:	CTE Internship Art Show – CA 3

INTERIOR DESIGN:

Explorer Courses:	Interior Design 1 Digital Media 1
Concentrator Courses:	Interior Design 2
Completer Courses:	CTE Internship

FOOD SCIENCE, DIETETICS & NUTRITION:

Explorer Courses:	Food & Nutrition 1 CE Human Development (HDFS 1500)
Concentrator Courses:	Dietetics & Nutrition 1
Completer Courses:	CTE Internship CE Food & Nutrition (NDFS 1500)

FASHION APPAREL & TEXTILES:

Explorer Courses:	Sewing, Construction and Textiles 1
Concentrator Courses:	Sewing, Construction and Textiles 2
Completer Courses:	CTE Internship

PROTECTIVE SERVICES:

Explorer Courses:	Criminal Justice Law Enforcement
Concentrator Courses:	Criminal Law
Completer Courses:	CTE Internship

UTAH STATE UNIVERSITY – CONCURRENT ENROLLMENT CLASSES

(11th-12th grade students who have a 3.0 or higher cumulative GPA)

9203 - HDFS 1500 - Human Development Across the Lifespan (BSS): Overview of human development across the life-span from conception to death. (3.0 cr.)

9208 - PSY 1010 - General Psychology (BSS): General Psychology is a one-semester course designed to familiarize students with the basic concepts of psychology. Psychology explores scientific study of thoughts and behaviors. Students develop an understanding of behavior and apply strategies for self-improvement.

9210 - BIOL 1010 - Biology and the Citizen (BLS): Principles and methods of biology and how they impact the daily life and environment of the individual. (3.0 cr.)

9205 - POLS 1100 – United States Government and Politics (BAI): U.S. Constitution, political parties and elections, interest groups, Congress, president, bureaucracy, courts, and civil rights and liberties. This course meets the Americanization requirement. (3.0 cr.)

9214 - MUSIC 1010- Introduction to Music (BCA): This is a nontechnical course to develop critical listening skills. Students explore the meaning and purpose of music in a variety of theoretical, cultural, and historical contexts, helping the student develop a lifelong appreciation of music in all its forms.

9215 - HIST 1700- American Civilization (BAI): This course examines United States history with an emphasis on the nation's economic, political, social, and cultural institutions and is primarily designed for non-majors.

9216 - TEAL 1010- Intro to Education: Students assess themselves as prospective teachers. Opportunities provided for students to observe in public schools (K-12), as well as to complete volunteer service in other community educational settings. (3 cr)

9217 - USU 1320- Civilization: Humanities (BHU): Provides students with a basic understanding of a broad range of themes that cut across human history and continue to be important in contemporary society. (3 cr)

9222 - FCSE 1350- Financial Literacy (BSS): This course introduces basic financial subjects and explores ways to balance between the numerical and behavioral aspects of finances, such as how financial decisions are affected by behavior and relationships within a family and societal context.

3208 - PHYS 1010- Elementary Physics (PS): This course provides a foundation in the historical basis and real-world application of physics principles. Students learn that the world works by a discoverable set of rules, and emphasis is placed on fundamental concepts and logic rather than numerical problem-solving. (3 cr)

5467 - STAT 1040: Introduction to Statistics (QL): Descriptive and inferential statistical methods. Emphasis on conceptual understanding and statistical thinking. Examples are presented from many different areas. Statistics is the collection, display, and analysis of data; it is the art of making wise decisions in the face of uncertainty. The purpose of this class is to teach you how to think critically about data, how it was collected and analyzed, and its uses in addressing interesting questions.

5274 - MATH 1050 -College Algebra (QL): Functions: graphs, transformations, combinations, and inverses. Polynomial, rational, exponential, and logarithmic functions and applications. Systems of equations and matrices. Partial fractions. Graphing calculator required.

***Prerequisite(s):** One of the following within the last year or three consecutive semesters (including summer): ACT Math score of at least 23 or [equivalent SAT Math score](#), AP Calculus AB score of at least 3, grade of C- or better in [MATH 995](#), or satisfactory score on the [ALEKS Math Placement](#) Exam.

0000 - CIVC 1100 - Flourishing and the Good Life: This class covers different conceptions of human happiness and the good life through world history. Questions of ultimate meaning and purpose are unavoidable for human beings. We all make decisions that on some level, reference a certain view of what it means to live a good life. The purpose of this class is to examine what some of the greatest and most influential texts in the history of ideas have to say about this subject and how that might apply to our own lives.

0000 - CIVC 1800 - Disagree Better: Understanding Healthy Conflict: Conflict is a normal part of human interaction. However, few people know how to navigate it productively. This course will help students develop the skills and perspectives needed to successfully navigate conflict in relationships in every context.

UTAH STATE UNIVERSITY – CONCURRENT ENROLLMENT ONLINE CLASSES

(11th-12th grade students, 3.0 or higher cumulative GPA required - High school counselor approval required - Courses are on a semester schedule - Coursework is through USU Canvas (asynchronous schedule) - Courses are made available for student registration only upon high school request)

0000 - ART 1010 - Exploring Art (BCA):

0000 - BIO 1010 - Biology and the Citizen (BLS):

0000 - CHEM 1010 - Introduction to Chemistry (BPS):

0000 - CJ 1010 - Introduction to Criminal Justice (BSS):

0000 - CS 1030 - Foundations of Computer Science (BPS):
***ONLINE SPRING SEMESTER ONLY**

0000 - DATA 2100 - Data and Information in Business:
(Required course for many USU Huntsman School of Business majors)

0000 - FCSE 1350 - Financial Literacy (BSS):

0000 - HEAL 1008 - Medical Terminology (2 Credits):

0000 - HIST 1700 - American History (BAI):

0000 - LAEP 1030 - Introduction to Landscape Architecture (BCA):

0000 - MATH 1050 - College Algebra (QL):
***ONLINE SPRING SEMESTER ONLY**

***Completion of Secondary Math 1, 2, 3 with C or better required AND ACT Math 23 or higher or ALEKS 46 or higher**

0000 - MSLE 2600 - Introduction to Entrepreneurship (3 Credits):
***ONLINE SPRING SEMESTER ONLY**
(USU Huntsman School of Business)

0000 - MUSIC 1010 - Introduction to Music (BCA):

0000 - PHYS 1010 - Elementary Physics (BPS):

0000 - POLS 1100 - United States Government & Politics (BAI):

0000 - STATS 1040 - Introduction to Statistics (QL):

***Completion of Secondary Math 1, 2, 3 with C or better required AND ACT Math 19 or higher or ALEKS 30 or higher**

0000 - USU 1140 - Habits of Mind: Life, College and Career Readiness (3 Credits):

BRIDGERLAND TECHNICAL COLLEGE (See course description at www.btech.edu)

8733 - VETERINARY ASSISTANT

8783 - AUTO TECHNOLOGY

8748 - AUTOMOTIVE SERVICE

8601 - BUSINESS

8692 - COLLISION REPAIR TECHNOLOGY

8712 - CONSTRUCTION TECHNOLOGY

8758 - COSMETOLOGY

8660 - CULINARY ARTS

8780 - DATA ANALYTICS

8725 - DENTAL ASSISTING

8685 - DIESEL TECHNOLOGY

8650 - DRAFTING AND DESIGN

8740 - DRUG DOSAGES & CALCULATIONS

8752 - ELECTRONICS TECHNOLOGY

8605 - FASHION MERCHANDISING AND DEVELOPMENT

8753 - FINANCIAL LITERACY

8666 - INFORMATION TECHNOLOGY

8620 - INTERIOR DESIGN

8700 - MACHINING TECHNOLOGY

8705 - MEAT SERVICES

8726 - MEDICAL ASSISTANT

8730 - MEDICAL TERMINOLOGY

8715 - NURSING ASSISTANT (CNA)

8732 - PHARMACY TECHNICIAN ADVANCED

8785 - PRE-APPRENTICESHIP ELECTRICIAN

8786 - PRE-APPRENTICESHIP PLUMBER

8772 - REAL ESTATE

8773 - WEB & MOBILE DEVELOPMENT

8710 - WELDING TECHNOLOGY

8782 - WILDLAND FIREFIGHTER

8771 - HEAVY EQUIPMENT