



# GREEN CANYON

## HIGH SCHOOL

2025-2026  
PCCR Guide Book  
Course Description and Registration Information Book

## **Students:**

If you have a disability that may require accommodations, i.e. modifications in testing, assignment, grading, etc., please contact your teacher immediately (first week of class, if possible). Accommodations will be made for all students with documented disabilities. Please contact your school counselor or administrator for other related information concerning accommodation or assistance, including procedures which may apply according to the procedural safeguards under the Individuals with Disabilities Education Act (IDEA) or Section 504 or the Rehabilitation Act.

It is the policy of the Cache County School District and Green Canyon High School that there will be no discrimination or harassment on the grounds of race, color, gender, marital status, religion, ethnic background, national origin, age, creed, citizenship, or disability in any educational program or activity. If such discrimination occurs, please contact your teacher, your counselor, and/or your administrators.

### Definitions:

*Section 504/Title II:* The Office of Civil Rights enforces two laws that prohibit discrimination based on disability. Section 504 of the Rehabilitation Act of 1973 prohibits discrimination based on disability in programs or activities receiving federal assistance. Title II of the Americans with Disabilities Act of 1990 prohibits discrimination based on disability in public entities. Examples of the types of discrimination prohibited include unequal access to educational programs and facilities, denial of a free appropriate public education for elementary and secondary students, and academic adjustments in higher education.

*Title IX:* Title IX of the Education Amendments of 1972 prohibits discrimination based on gender in education programs and activities that receive federal assistance. Examples of the types of discrimination that are covered under Title IX include sexual harassment, the failure to provide equal opportunity in athletics, and discrimination based on pregnancy.

Section 504 and Title II Contact and Coordinator  
Clint Fullmer 435-792-9305  
Jennifer Hartman 435-792-9305  
Deedra Hinds 435-792-9305  
Max Jones 435-792-9305  
Grant Calverley 435-792-9305

Title IX Contacts/Coordinators  
Missy Stuart (Athletic Director) 792-9300

## **SCHOOL FEES**

Each student registering at Green Canyon High School is responsible for registration fees. In addition, many of the classes and activities at Green Canyon High School have associated fees.

ALL School Fees (i.e., registration, extra-curricular, class fees) must be paid in full for a student to be eligible to participate in extra-curricular activities (UHSAA, Organizations, Associations, Curricular Clubs, etc.). Fees must be current for a student to try-out for an activity. Fees for an activity are due once the student has been selected as a participant. The only exceptions are for those students who are on fee waiver or who have prior, documented administrative approval.

Fees are approved on a yearly basis by the Cache County Board of Education. A copy of the School Fee Policy and School Fee schedule can be found by going to the Cache County School District Website [www.ccsdut.org](http://www.ccsdut.org) and clicking on the "District" menu.

# **INTRODUCTION**

This publication is designed to:

- A. Provide information
- B. Answer questions
- C. Assist students and parents in developing a College and Career Readiness Plan (PCCR).

This publication is best used when:

- A. Making decisions based on career goals
- B. Having conversations with parents about these goals and class options
- C. Attending registration RUSH WEEK and continue conversations with individual teachers
- D. Making final course selection during your PCCR

The counseling staff is available to parents and students for academic and career consultation throughout the school year. Please use PACK HOUR whenever possible to visit with your counselor. In addition to counselors, the school has a Career Center where students may obtain information about colleges, scholarships, financial aid, and career areas. If you have any questions, counselors may be reached at 435-792-9305.

Deedra Hinds, Counselor (A & J; P-R)  
Max Jones, Counselor (B-D)  
Grant Calverley, Counselor (E-I)  
Clint Fullmer, Counselor (K-O)  
Jennifer Hartman, Counselor (S-Z)  
Sandie Nyman, Registrar  
Missy Perkes, Career Center

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melissa.perkes@ccsdut.org

# GRADUATION REQUIREMENTS

***Students must earn 26 total credits, including 18.5 required core subject credits and 7.5 elective credits.***

**LANGUAGE ARTS – 4 Credits**

Language Arts 9 (1) [EN]  
Language Arts 10 (1) [EN]  
Language Arts 11 (1) [EN]  
Elective Language Arts 12 (1) [EN]

**MATH – 3 Credits**

Secondary Math 1 (1) [MA]  
Secondary Math 2 (1) [MA]  
Elective Math (1) [MA]

**SOCIAL STUDIES – 3 Credits**

World Geography (.5) [GE]  
World Civilizations (.5) [WO]  
United States History (1) [US]  
Government (.5) [GO]  
Elective (.5) [EL]

**SCIENCE – 3 Credits**

Foundation Science (2) [SC]  
Elective Science (1) [SE]

**HEALTHY LIFESTYLES – 2 Credits**

Health (.5) [HE]  
Physical Education option (.5) [HO]  
Physical Education core (1) [HC]

**ARTS – 1.5 Credits** Any Art classes (1.5)

Any Art Classes (1.5) [AR]

**DIGITAL STUDIES- .5 Credit**

Business Office Specialist (.5) [DS]  
Computer Programming 1 (.5) [DS, MA]  
Computer Science 1030 (.5) [DS, MA]  
Web Development (.5) [DS]

**CAREER TECH – 1 Credit**

Any Career Technology classes (.5 each) [TE]

**FINANCIAL LITERACY—.5 Credit**

FCSE 1350 (Financial Literacy) [FL]  
Financial Literacy (.5) [FL]

**\*National Honor Society Requirements**

3.80 GPA  
8 core classes per year (seniors and juniors)  
7 core class per year (sophomore)

**Key to Subject Areas**

EN = Language Arts  
HE = Health  
MA = Math  
GE = Geography  
WO = World History  
US = US History  
GV = Government  
SC = Science Core  
SE = Science Elective

HC = P.E. Core  
HO = P.E. Option  
TE = Career Tech.  
DS = Digital Studies  
FL = Financial Literacy  
AR = Art  
EL = Electives  
USU = Concurrent  
NHS = National Honor Society Core  
NCAA = National Collegiate Athletic Assoc.

# CLASSES AND CREDIT

## Class Change Policy

Students will be given the opportunity to change classes they selected during their PCCR conference. Remember, classes may be full and or unavailable because of conflicts. **Please select classes carefully during your PCCR Conference.** All class changes should be discussed with your assigned counselor during PACK HOUR.

• There will be no class changes made after the 3rd day of each trimester.

## Grade Policy

All grades earned from classes taught at Green Canyon High School will be letter grades only. The only exception is for the Citizenship/Student Aide course and for students with documented extenuating circumstances.

## Other Credit Options (See Counselor to sign up)

The following sources are available for students who need additional credits or who want to augment their educational experience.

1. Cache District Online Buzz Classes
2. State Online Education Program (SOEP)
3. Cache High Credit Recovery Packets & Test Out Options.
4. BTECH Summer Courses.

## College Preparation Recommendations

College Entrance Requirements		Some Universities require 2 years of a Foreign Language. For additional information on College Admissions, see your counselor or the Career Center Coordinator.
Language Arts	4 credits	
Math	3-4 credits	
Science	3-4 credits	

## NCAA Eligibility

We encourage students to participate in athletics while at Green Canyon. Some may even want to participate in athletics at the collegiate level. The NCAA has academic standards for students participating in athletics in Division I or Division II colleges or universities. It is extremely important students meet these requirements, or they will not be allowed to participate in college athletics. Eligibility is based on GPA in NCAA core classes (beginning your freshman year of high school) and your ACT/SAT scores. **Students and their parents are responsible for becoming aware of and meeting NCAA requirements.** Information concerning NCAA eligibility is available on their website. For more information talk to your counselor and coach or visit the website: <https://web3.ncaa.org/ecwr3/>

# **TESTING INFORMATION**

PSAT	All sophomore and junior student are eligible to take the PSAT. The PSAT is a practice assessment that can help you prepare for future standardized assessments. Juniors who take the PSAT are automatically considered in the prestigious National Merit Scholarship Competition. The assessment takes place in October.
SAT	The SAT I and SAT II assessments are not given at Green Canyon High School. We are happy to assist student in registering for it online if they are looking at an alternative assessment to the ACT
ACT	The ACT is an assessment designed to measure how well a student understands what they have learned in high school. Utah uses the ACT assessment as the 11 <sup>th</sup> grade end-of-grade-level assessment. Therefore, all juniors are required to take it during the spring at no cost to the student. It is used by colleges and universities when determining scholarships for incoming first-year students. It also provides colleges and universities with an idea of how prepared a student is for college work.
Aspire +	The Utah Aspire+ is a hybrid of ACT Aspire and Utah Core assessment items. It is a computer delivered, fixed form end-of-grad-level high school assessment for 9 <sup>th</sup> and 10 <sup>th</sup> grade students. Students receive a predicted ACT scores ranges for each subtest, as well as an overall predicted ACT composite score range. The assessment also provides proficiency scores for 9 <sup>th</sup> and 10 <sup>th</sup> grade students.

## **COLLEGE CREDITS**

### **AP Courses**

The Advanced Placement (AP) program consists of college-level courses and exams for high school students. Courses are challenging and stimulating, requiring additional work, giving greater opportunity for individual progress and accomplishment. Students should have a 3.0 GPA to take an AP class, however they may visit with a counselor for approval. AP exams are given in May. (A limited number of fee reductions are available to students with financial need.) Exams are scored with a 1-5, 3 or above receive college credit.

### **AP Courses Offered**

AP Art	AP Language Arts (Lit & Lang)
AP Biology	AP European History
AP Calculus	AP Physics
AP Chemistry	AP Statistics
AP Chinese	AP US Government/Pol
AP Comparative Government B	AP US History

# **COLLEGE CREDITS**

## **Concurrent Enrollment**

Concurrent Enrollment classes are university classes taught at the High School. Students may earn high school and college credit. It is a great opportunity for students to get a jump start on college while saving time and money. **A \$5 high school fee will be charged for each concurrent class, \$10 if it is also a Career Technology course. In addition, USU will charge a \$5 per credit (most classes are 3 credits). All students taking concurrent classes must apply for concurrent enrollment admission (concurrent.usu.edu). USU credits are transferable to most other colleges and universities. Students will be expected to purchase texts for most concurrent enrollment classes. Enrollment in concurrent courses requires a 3.0 GPA.** Please check course descriptions for any prerequisites. Pass/Fail is not an option for concurrent enrollment classes.

## **Concurrent Enrollment Courses**

Accounting/BUSN 1111 (3 credits)  
\*CHEM 1010 (3 credits)  
\*CMST 1020/2110 (3 credits)  
\*Computer Sci 1030 (3 credits)  
Computer Sci 1400 (4 credits)  
Computer Sci 1410 (3 credits)  
\*\*\*DGM 1645-Reality Essentials (2 credits)  
\*ECON 1500 (3 credits)  
\*ENG 1010/2200 (3 credits)  
\*ENG 2010 (3 credits)  
FCSE 1040(Outdoor Design) (3 credits)  
\*FCSE 1350 (Financial Literacy) (3 credits)  
\*GERM 1010/1020 (4 credits)  
\*HDFS 1500/Human Growth (3credits)

\*HDFS 2400/Marriage & Family (3 credits)  
\*\*IDT 1010/Interior Design (3 credits)  
\*Intro to Horticulture/PSC 1800 (3 credits)  
\*HIST 1700/American Civ (3 credits)  
\*MATH 1050/1060 (4 credits)  
\*MUSC 1010 (3 credits)  
\*NDFS 1020/Nutrition (3 credits)  
Peer Tutor 1000 (2 credits)  
\*PSYCH 1010 (3 credits)  
\*STATS 1040 (3 credits)  
\*TEAL 1010/Elementary Ed (3 credits)  
USU 1045-Habits of Mind: Variable Topics

***\*Meets Breadth requirements at USU***

***\*\*Weber State***

***\*\*\*Utah Valley University***

# **LANGUAGE ART**

## **LANGUAGE ARTS**

### **Language Arts 9 A**

*Grade: 9      Subject Area: EN, NHS, NCAA*

Language Arts/Language Arts courses build upon the students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing. It included the four aspects of language use: reading, writing, speaking and listening. Various genres of literature and writing are introduced and defined.

### **Language Arts 9 B**

*Grade: 9      Subject Area: EN, NHS, NCAA*

Language Arts/Language Arts courses build upon the students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing. It included the four aspects of language use: reading, writing, speaking and listening. Various genres of literature and writing are introduced and defined.

### **Language Arts 10 A**

*Grade: 10      Subject Area: EN, NHS, NCAA*

This required class will cover several genres of reading: fiction novels, short stories, and dramas with an emphasis on reading strategies and literary skills. Students will study vocabulary, complete outside reading, and develop collaboration skills.

### **Language Arts 10 B**

*Grade: 10      Subject Area: EN, NHS, NCAA*

This required class will cover four genres of writing: narrative, research, argumentative, and poetry with an emphasis on the six traits of good writing. Students will study vocabulary, review grammar, and complete outside reading.

### **Language Arts 11 Writing**

*Grade: 11      Subject Area: EN, NHS, NCAA*

This required class is designed to practice composition and encourage correct grammar and language usage. This will be accomplished as students learn a variety of writing formats and methods, including narrative writing, grant writing (coupled with research techniques and citations), and speech outlining.

### **Language Arts 11 Literature**

*Grade: 11      Subject Area: EN, NHS, NCAA*

This required class will focus on in-depth analysis of themes found within American literature. The learning of analytical processes will be realized through the reading of short stories, a novel by a classic American author, and the play, *The Crucible*, by Arthur Miller.

### **Language Arts 12 Writing**

*Grade: 12      Subject Area: EN, NHS, NCAA*

Students will establish a foundation of sentence composition (review) and the basic elements of the essay. The class will explore the stories of early England, Medieval Times and the Renaissance period. The writing component will consist largely of self-exploration.

### **Language Arts 12 Literature**

*Grade: 12      Subject Area: EN, NHS, NCAA*

This course will expose students to many of the greatest authors of the Language Arts and European people and their enduring stories. The class will cover poetry, short stories, novels and essays which have become standards in literature. Students will preview screenplay adaptations of some works and practice a variety of different writing styles.



# **LANGUAGE ARTS**

## **AP Language Arts A**

## **AP Language Arts B**

## **AP Language Arts C**

*Prerequisite: 3.0 GPA – 3.5 and summer reading assignment recommended*

*Grade: 11-12      Subject Area: EN, NHS, NCAA*

Learn about the elements of argument and composition as you develop critical-reading and writing skills. You'll read and analyze nonfiction works from various periods and write essays with different aims: for example, to explain an idea, argue a point, or persuade your reader of something. Learn how to understand and evaluate works of fiction, poetry, and drama from various periods and cultures. You'll read literary works and write essays to explain and support your analysis of them.

## **Language Arts/ENGL 1010**

*Prerequisite: 3.0 GPA and B+ in Language Arts (grades 9-11)*

*Grade: 12      Subject Area: EN, NHS, USU, NCAA*

*Successful completion of the course will award 3 college credits at USU and meets the Communications Literacy requirement.*

This is a college course covering all of the essentials of Language Arts 1010 (freshman Language Arts, required of all students) as prescribed by Utah State University. The course covers all facets of academic writing. Papers will be compared to those of students in comparable university classes.

## **Literature/ENGL 2200**

*Prerequisite: 3.0 GPA and B+ in Language Arts*

*Grade: 12      Subject Area: EN, NHS, USU, NCAA*

*Covers General Ed Breadth Humanities requirements at USU*

This is a college course designed to introduce students to the different genres of literature – short story, poetry, drama, and novel and teach them skills necessary for writing about and understanding its worth. The course will cover a wide variety of literary works from different cultures and countries, broadening the understanding of the development and literary heritages around the world. Successful completion of the course will award 3 college credits at USU.

## **Expository Writing 2/ENGL 2010**

*Prerequisite: 3.0 GPA and B+ in Language Arts, ENG 1010 (grades 9-11)*

*Grade 12      Subject Area: EN, NHS, USU, NCAA*

*Covers General Ed Breadth Communications Literacy requirements at USU*

Please be aware that this is a VERY rigorous course intended for advanced writers.

Writing of reasoned academic argument supported with appropriately documented sources. Focuses on library and Internet research, evaluating and citing sources, oral presentations based on research, and collaboration.

## **Business Communication 1**

*Grade: 10-12      Subject Area: EN, TE*

*Can count for 12<sup>th</sup> Grade Language Arts*

Prepare to unlock the power of effective communication! Get ready to dive into a world where the way we connect impacts everything we do. From talking with friends and coworkers to nailing that job interview, this course will be your guide to mastering clear, courteous, and crisp communication - both in your personal and professional spheres. Own your oral, written, interpersonal, technological, and employment communication. You will learn to unleash your power to connect and communicate effectively in every aspect of your life!

# **LANGUAGE ARTS**

## **Business Communications/BUSN 2200**

*Grade: 11-12      Subject Area: EN, TE, USU*

Can count for 12th Grade Language Arts

Prepare to unlock the power of effective communication! Get ready to dive into a world where the way we connect impacts everything we do. From talking with friends and coworkers to nailing that job interview, this course will be your guide to mastering clear, courteous, and crisp communication - both personally and professionally. Own your oral, written, interpersonal, technological, and employment communication. You will learn to unleash your power to connect and communicate effectively in every aspect of your life!

## **CMST 1020/Speech**

*Grade: 11-12      Subject Area: EN, NHS, USU*

*Covers General Ed Breadth Humanities requirements at USU*

The purpose of this course is to learn how to gain and hold audience attention and interest, to develop appropriately structured and supported speeches, to present ideas so they are meaningful and interesting and to develop effective conversational delivery. The student will also learn to use audience analysis to successfully adapt messages to the audience they are addressing. This class will help a student to be at ease in front of others in any educational or work environment. Many college majors require this course. Upon completion student will earn 3 USU credits.

## **CMST 2110/Applied Communications**

*Grade: 11-12      Subject Area: EN, NHS, USU*

*Covers General Ed Breadth Humanities requirements at USU.*

The purpose of this class is to understand how to communicate more effectively in relationships. The current trends of technology use have changed the way humans relate to each other, and the results can be negative. Relationships are a vital component of family life, professional life, and social life (including intercultural experiences). This class will give students the opportunity to consider perception, language use, non-verbal behavior, conflict resolution, and listening in the context of their most precious relationships. This class is currently required for numerous college majors including the following areas: nursing, education, natural resources, public health, and some business areas. It can be used for USU general education and will earn 3 credits when completed.

## **Creative Writing/Poetry**

*Grade: 11-12      Subject Area: EN, NHS, NCAA*

This course is designed for writers outside of regular Language Arts courses, particularly focusing on using mentor text from famous poets and authors to help students elevate their own writing style and prepare stories/poems for publication or submission to contests, scholarship opportunities, and self-publication. Students will receive intensive instruction and practice on the elements of characterization, setting development, and suspense/horror writing. Original works will be required weekly, including various form poetry genres, free verse, prose, and peer editing responses.

## **Debate 1A**

## **Debate 1B**

*Grade: 9-12      Subject Area: EN, NHS, NCAA*

*(High School Language Arts only)* This is a competitive public speaking course that is not confined to the classroom. Students in debate develop poise, confidence, awareness of current social problems and issues, and the ability to communicate their ideas clearly and persuasively. The presentation and social skills developed make the class valuable for all career interests. In this class, students learn and compete in several events, such as: impromptu and extemporaneous speaking, oratory, student congress, humorous and dramatic interpretation, Lincoln Douglas debate, Public Forum, and Policy debate. Students will enter competitions throughout the state. Tournament and practice schedules include evenings and Saturdays. Students must meet all competition eligibility requirements, including a minimum 2.0 GPA in the preceding trimester in order to take this class.

# LANGUAGE ARTS

## Humanities

*Grade: 12      Subject Area: EN, NHS*

Humanities is a full on sensory journey through our shared heritage of western European culture. This course focuses on visual art, music, literature, and architecture from the dawn of time through our contemporary world. We visit the Egyptian, Greek, Roman, Renaissance, and Victorian, and modern eras. It is a little bit history, a little bit psychology, a little bit philosophy, and a lot about LIFE! This course will help students understand their own existence, and life experience, with the help of those who have passed this way before, and all the cool things they left behind.

## Literature and Film

*Grade: 11-12      Subject Area: EN, NHS*

Film has become one of the captivating and important arts. In this course, we'll explore various films and the impact they make or have made on society and on ourselves. We examine films as literature, and often the films we watch have been based on literature, which we will also explore. We will also have fun exploring how films are made, and the artistic and technical elements that go into making a film effective.

## Multicultural Literature & Film

*Grade: 11-12      Subject Area: EN, EL*

Multicultural Literature is a one trimester course designed to meet requirements for Senior Language Arts and Junior Elective through critical thinking and analysis of multiple perspectives in novels and short stories. This course will be centered on multiple voices, ethnicities, authors, and ways of knowing that would reflect experiences of all students through universal themes. Students will develop skills through reading, thinking, writing, listening, and speaking through thematic in-depth study and research in various mediums.

## Novels and Short Stories

*Grade: 11-12      Subject Area: EN, NHS, NCAA*

This class is for the student who enjoys reading, or would like to enjoy reading. Students will individually select the majority of the novels read. Other class novels and short stories will be selected for high interest as well as literary content. Nightly and weekend reading is a must for academic success.

## The Great Plays

*Grade: 11-12      Subject Area: AR, EN, NHS*

In this course, we explore the greatest works of stage and screen. As the great pageant of history has marched forward, geniuses have written plays and films to comment on and reflect their times. Luckily, the greatest plays are also the most enjoyable. We will read, watch, and examine these plays. Some students will want to act out scenes. Others will want to design costumes or study the literary and historic aspects of them. In every case, we will learn why drama and film have had such an astounding influence in our society and on ourselves.

## WORLD LANGUAGES

### Chinese 1A

### Chinese 1B

*Grade: 9-12      Subject Area: NHS, NCAA*

Chinese 1 is an introductory course for the most widely spoken language in the world - Mandarin Chinese. You will learn to speak, read, and write basic Chinese. You will also learn about Chinese culture and food.

# **WORLD LANGUAGES**

## **Chinese 2A**

## **Chinese 2B**

Grade: 10-12      Subject Area: NHS, NCAA

In Chinese 2, you will continue to learn Chinese. You will review and expand on many of the topics learned in Chinese 1. By the end of this course, you should be able to handle most basic communication in Mandarin.

## **Chinese 3A**

## **Chinese 3B**

Prerequisite: Chinese 2 or instructor approval

Grade: 10-12      Subject Area: EN, NHS, NCAA

The Chinese 3 class is held in conjunction with Chinese 2. In Chinese 3, you will practice Chinese and build upon the things you learned in Chinese 1 and 2, adding new structures, words, and characters.

## **Chinese 5 DLI A**

## **Chinese 5 DLI B**

Prerequisite: This course can only be taken by those who have been Dual Immersion in previous years.

Grade: 9      Subject Area: EN, NHS

This 9th grade course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.

## **Chinese Culture & History**

Prerequisite: This course can only be taken by those who have been in Dual Immersion in previous years.

Grade: 9      Subject Area: EN, EL, NHS

Course builds skills in cultural-linguistic necessary for successful communication with native speakers (reading, writing, speaking and listening). Students utilize media and authentic texts to learn about diverse cultural topics

## **CHIN 3116 Exploring China A**

## **CHIN 3116 Exploring China B**

## **CHIN 3117 Chinese Legacies A**

## **CHIN 3117 Chinese Legacies B**

## **CHIN 3118 Pop Culture A**

## **CHIN 3118 Pop Culture B**

Grade: 10-12      Subject Area: EN, USU, NHS

The Bridge class is for those who have passed the AP test, and is an upper level concurrent enrollment class.

Prerequisite: Pass the AP Chinese test with a 3 or above. This is an upper-level concurrent-enrollment course taught exclusively in Chinese. A USU professor will visit and teach once each week. There are three courses that will rotate in a three-year series, so students can earn credit for all three.

## **AP Chinese Language & Culture A**

## **AP Chinese Language & Culture B**

## **AP Chinese Language & Culture C**

Grade: 9-12      Subject Area: EN, NHS, NCAA

AP Chinese follows DLI 5H and will prepare students to pass the AP Chinese Language and Culture test. There will be extra emphasis on reading Chinese at an Intermediate level. This class is taught exclusively in Chinese.

# **WORLD LANGUAGES**

## **German 1A**

## **German 1B**

*Grade: 9-12*

*Subject Area: NHS, NCAA*

German 1 is an introductory course for German language and culture. You will learn to speak, read and write basic German.

## **German 2A**

## **German 2B**

*Prerequisite: German 1A, 1B*

*Grade: 10-12*

*Subject Area: NHS, NCAA*

In German 2, you will review and expand on many of the topics learned in German 1, and you will learn the grammar necessary to express yourself in German. By the end of this course, you should be able to handle most basic communication in German.

## **German 3A/1010**

## **German 3B/1020**

*Prerequisite: German 2 or instructor approval*

*Grade: 10-12*

*Subject Area: EN, NHS, USU, NCAA*

German 3 is taught as a university concurrent enrollment courses in two trimesters worth 4 credits each (1010/1020). By the end of this course, you should have a good knowledge of the structure and vocabulary of German, and be able to communicate at an intermediate level.

## **Spanish 1A**

## **Spanish 1B**

*Grade: 9-12*

*Subject Area: NHS, NCAA*

This is a beginning Spanish class. Reading, writing, speaking and listening are taught in the class.

## **Spanish 2A**

## **Spanish 2B**

*Grade: 9-12*

*Subject Area: NHS, NCAA*

This is an intermediate Spanish class. Listening, speaking, reading and writing are covered with portions of the class being conducted in Spanish.

## **Spanish 3A**

## **Spanish 3B**

*Grade: 10-12*

*Subject Area: EN, NHS, NCAA*

This is a college preparatory course for the serious Spanish student. Students will experience a more advanced study of grammar and work on fluency. Reading and free conversation are also emphasized. After successful completion of both trimesters of this course, students may take a USU language placement exam, with the option of buying the credits through USU. This may result in 4 or more university credits for a small fee.

## **Spanish for Heritage Speakers**

*Grade: 9-12*

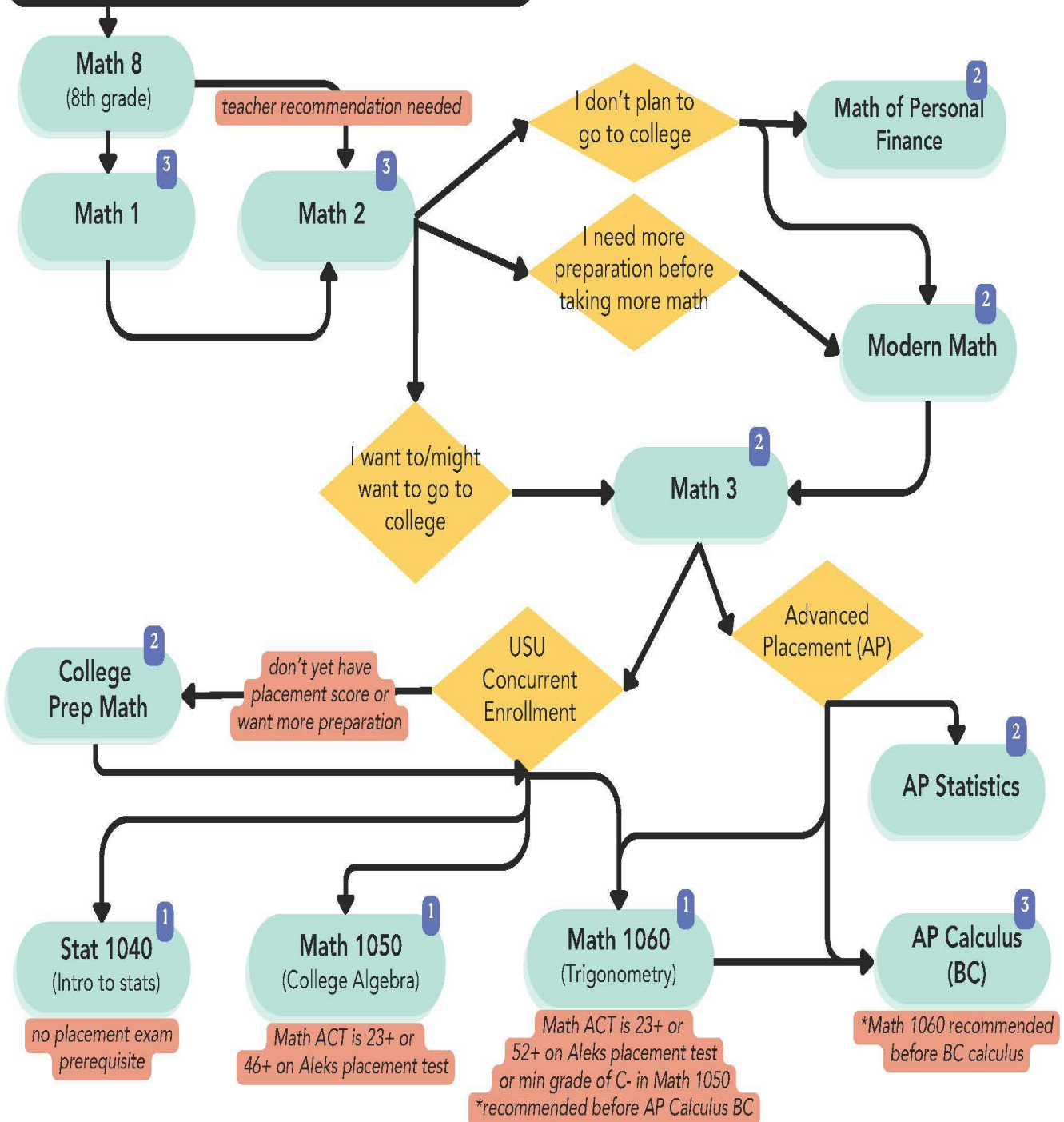
*Subject Area: EN*

This course is designed specifically for native or heritage speakers of Spanish with oral proficiency but little or no formal training in the language. Generally, these are learners who were raised in homes where Spanish was spoken. The course is designed to build on the language base students already possess.

# MATHEMATICS

## MATH CLASS FLOWCHART | GCHS

# = number of trimesters



# **MATHEMATICS**

## **MATHEMATICS**

### **Secondary Mathematics 1A**

### **Secondary Mathematics 1B**

### **Secondary Mathematics 1C**

*Grade: 9-10      Subject Area: MA, NHS, NCAA*

Students in Secondary Mathematics 1 will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together.

### **Secondary Mathematics 2A**

### **Secondary Mathematics 2B**

### **Secondary Mathematics 2C**

*Prerequisite: Secondary Math 1 with a grade of C- or better*

*Grade: 10-12      Subject Area: MA, NHS, NCAA*

Students 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 Mathematics 3A**

### **Secondary Mathematics 3B**

*Prerequisite: Secondary 2 with a grade of C- or better*

*Grade: 11-12      Subject Area: MA, NHS, NCAA*

In Mathematics 3 students will pull together and apply the learning that they have from their previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data. Students will 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, finally, students 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 the 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. A Graphing calculator is required.

*Course(s) students will take next: Pre-Calculus A and B, Math 1050 (ALEKS PPL Math Placement Test score of 46+ or Math ACT score of 23+ required) Math 1060 (same requirement as Math 1050), or by teacher recommendation, AP Statistics. Students may take Pre-Calculus A and B prior to Math 1050/1060 to better prepare for Math 1050/1060.*

*Please read the section on College Prep Math above.*

### **College Prep Math A (Pre-Secondary Math 3)**

### **College Prep Math B (Pre-Secondary Math 3)**

*Prerequisite: Secondary Math 3*

*Grade: 11-12      Subject Area: MA, NHS, NCAA*

Was Secondary Math 2 difficult for you, but you still want to attend a university? College prep math will bridge the Secondary Math 2 and Secondary Math 3 courses. Topics covered will include: factoring, quadratic functions, logarithms, radical functions, rational functions, series, and gaps individual students have. This class is designed to give students their third math credit so that they can graduate from Green Canyon. Simultaneously they will be preparing to take Secondary 3 as a senior so that they can enroll in a public Utah University.

# **MATHEMATICS**

## **Introduction to Data Science**

*Grade: 10-12      Subject Area: MA*

This course will develop skills in Data Science and statistics by emphasizing a modeling approach. Students will reason and make sense of data using the Statistical Problem-Solving Process consisting of: 1. Formulating Statistical Investigative Questions, 2. Collect/Consider Data, 3. Analyze Data, and 4. Interpreting the Results. Students will learn to use data and modeling to formulate and answer questions as well as to critically evaluate information using mathematics as the reasoning tool. Students will be introduced to a computer programming language and to machine learning. Intro to Data Science will prepare to students to pursue further coursework in Data Science and Statistics.

It is highly recommended for students to take Secondary Math 3 before taking Intro to Data Science. It may be taken as a standalone course or concurrently with any AP math class and/or USU concurrent enrollment class.

## **Modern Math A**

## **Modern Math B**

*Prerequisite: Secondary Math 2*

*Grade: 11-12*

This course is designed to give students a practical experience with Mathematics as well as preparing them to reenter the math sequence for college and university acceptance. The course will cover topics including: Linear and quadratic equations, exponential and logarithmic functions, probability, data analysis and sampling, matrices, sequences and series, and trigonometry. During the course, students will be able to identify and use math in real life situations. After this course, students will have completed their 3 credits of math for graduation, but may enroll in Math 3 if they are college bound.

## **College Prep Math A**

*Grade: 10-12      Subject Area: MA, NHS, NCAA*

Pre-calculus is designed to prepare students for college level mathematics and serves as a pre-requisite for AP Calculus or AP Statistics. Students will work with equations and higher order polynomial functions.

They will learn to analyze behaviors of functions, graph functions using transformations, and solve problems using multiple methods. Students will also prepare to take the placement exam for Math 1050/1060.

## **College Prep Math B**

*Grade: 10-12      Subject Area: MA, NHS, NCAA*

The second trimester of Pre-Calculus is a pre-requisite for AP Calculus. Students will study trigonometry including identities and vectors, solving systems of equations with matrices and other concepts required for the study of calculus. Students will also prepare to take the placement exam for Math 1050/1060.

## **Math Placement Exam**

Students who wish to enroll in concurrent enrollment math classes are required by USU to take the ALEKS Placement Exam and earn a qualifying score, or have a current (within 1 year) ACT score of 23 or higher for MATH 1050/1060, or 19 or higher for STATS 1040. The test will be offered in the Pre-Calculus A classes periodically and also during PACK hour the last three weeks of each trimester, not including the last 3 days. See a math teacher for more details.



# **MATHEMATICS**

## **Math 1050**

*Prerequisite: Math ACT score 23 or higher, ALEKS Math Placement Test score 46 or higher; GPA 3.0 or higher*

*Grade: 10-12      Subject Area: MA, NHS, USU, NCAA*

*Fulfills General Education Quantitative Literacy requirement at USU*

This is a rigorous course requiring a high level of algebraic skills. Topics covered: solving equations and inequalities, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, exponential growth and decay models and applications, solving systems of equations, and partial fraction decomposition. USU requires the final exam to be worth 30% of students' grade. A graphing calculator is required. Students will earn 4 credits at USU upon successful completion. A grade of C or higher needed for MATH 1210 (Calculus I). Satisfies the quantitative literacy (QL) requirement at USU.

*Course(s) students will take next: Math 1060, AP Stats (which can be taken concurrently with Math 1060) and/or AP calculus.*

Future Degrees include: Nursing, Dental Hygiene, Elementary Education, others

## **Math 1060**

*Prerequisite: Math ACT score of 23 or higher, or ALEKS PPL Math Placement Test score of 52 or higher; GPA of 3.0 or higher, (Math 1050 recommended)*

*Grade: 10-12      Subject Area: MA, NHS, USU, NCAA*

This is the study of trigonometry for students who intend to pursue careers in engineering, science, mathematics, or computers. If a student's college major requires Calculus, then Math 1060 is required. Students will study trigonometric functions, equations, identities, and applications. Students will earn 2 USU credits upon successful completion.

*Course(s) students will take next: AP Stats (which can be taken concurrently with Math 1060) and/or AP Calculus.*

## **Statistics 1040**

*Prerequisite: Pass Secondary Math 1, 2, 3 with a C or better, ALEKS Math placement Test score of 30 or ACT Math of 19 or higher.*

*Grade: 11-12      Subject Area: MA, NHS, NCAA*

*Covers General Ed Quantitative Literacy Requirement at USU*

A course that satisfies the math general education requirement for most majors in the fields of art and humanities. This class is for students coming out of the Secondary 3 Regular courses and who wish to take a concurrent enrollment class in anticipation of future college enrollment. It provides an introductory look at statistics and statistical methods. The course emphasizes statistical thinking and reasoning as well as conceptual understanding of statistical methodology. This class can also be used a pre-requisite for Psychology Statistics and Social Statistics at USU.

## **AP Statistics A**

### **AP Statistics B**

*Prerequisite: Grade of B or higher in Pre-calculus A, Secondary 3 Honors or Math 1050; Secondary 3 Regular Math by teacher recommendation only; GPA of 3.0 or higher. Can be taken Junior year concurrently with Secondary 3B Honors provided the student has completed Secondary 3A honors successfully the first trimester.*

*Grade: 11-12      Subject Area: MA, NHS, NCAA*

The AP Statistics course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The curriculum is designed to be very hands-on and project based with applications to many fields of study. This course will prepare students for the AP exam at the end of the year. A scientific graphing calculator such as the TI-84, TI-89 or TI-N-spire is required.

Future Degrees include: Math, Physical Sciences, Business, Engineering, Social Sciences, others.

# MATHEMATICS

## AP Calculus A

## AP Calculus B

## AP Calculus C   AP Calculus (BC) C

*Prerequisite: Grade of C or higher in Secondary Math 3 or Math 1050 and Math 1060; GPA of 3.0 or higher*

*Grade: 11-12      Subject Area: MA, NHS, NCAA*

Calculus is the mathematical study of change in the same way that geometry is the study of shape. AP Calculus has two different tests that are available for college credit. The first two trimesters of the class are the same. Calculus AB covers limits, derivatives, and integrals of polynomials, exponentials, logarithms, and trigonometry. The third trimester finishes the final unit and then reviews the concepts in the context of how the questions are asked on the AP exam. Calculus BC covers all of the topics in Calculus AB as well as polar and parametric coordinates and their calculus applications as well as sequences and series and their applications. Modern calculus has many widespread uses in science, engineering, and business fields. If you complete the course and pass the AB exam with a 4 or 5, you get the first semester of calculus credit at college, and if you score a 5 on the BC test you earn the first two semesters of college calculus credit. Register for the AB or BC version you think you would like to take, but you can change between the tests for free through November.

Future Degrees include: Math, Physical Sciences, Business, Engineering, others.

## BUSN 1111 (Accounting)

*Grade: 11-12      Subject Area: TE, Math Elective, USU*

Planning to own or run a business, pursue a career in accounting, or simply improve your personal financial skills? Accounting 1 is the class for you. This one-semester CE course introduces the fundamentals through practical, real-world applications. You'll learn the essentials of the accounting cycle for service and merchandising businesses, including: the accounting equation and business transaction analysis, preparing and interpreting financial statements, managing payroll accounting, and controlling and safeguarding cash. You'll gain insights into general business practices that are critical for entrepreneurship and financial success. By the end of the course, you'll have the skills to confidently manage finances, whether for a business, organization, or your own future. This course counts for **3 elective credits USU** and serves as excellent preparation for ACTG 2010 or similar advanced studies.

## Computer Programming 1

### **Elective Math Credit or Technology Credit**

*Grade: 10-12      Subject Area: DS, MA Elective*

SEVENTY PERCENT OF THE JOB MARKET REQUIRES COMPUTER SCIENCE experience. Programming is the best way to get that experience!!! But be ready!!! Coding is Problem Solving and can be tricky! We are looking for systematic and logical thinkers to take this course!!! Programming 1 introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts and higher level thinking skills. This course requires the use of logic and critical thinking skills. Concepts and problem-solving skills will be introduced to students through the PYTHON programming language.

## Computer Science 1400 (Computer Programming 2)

### **Elective Math Credit or Technology Credit**

*Prerequisite: Computer Programming 1*

*Grade: 11-12      Subject Area: DS, Math Elective*

Want to learn some in-depth programming concepts? The second trimester of computer programming reviews and builds on the concepts introduced in the first trimester. This trimester introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs and how to work as an effective team member. Students will continue learning the programming language from Computer Programming 1.

# **MATHEMATICS**

## **Math of Personal Finance A**

## **Math of Personal Finance B**

*Prerequisite: Secondary Math II*

*Grade: 11-12      Subject Area: MA, FL, NHS, NCAA*

This course is an applied course where students will use math to help them make many real-world decisions. We will learn how to use math to make decisions regarding commercials, salaries, building a house, budgets, retirement, stock market funds, voting, and even games. If you are looking to take a math class that relates to many things you will use later in life, this is the class for you!

## **SCIENCE**

## **Agriculture Biology A**

## **Agriculture Biology B**

*Grade: 10-12      Subject Area: SC, SE, TE, NHS, NCAA*

The Biology/Agriculture Science & Technology course is the Biology curriculum with emphasis on Agriculture concepts. This is a two trimester course which fulfills the biological science requirement for graduation. This also gives an opportunity to those interested in agriculture and natural resource management to pursue career development in these areas.

## **Animal Science 1A**

## **Animal Science 1B**

*Grade: 10-12      Subject Area: SE, TE, NHS*

The primary goals of the two-trimester course are that students will value proper animal care, gain an understanding of industry trends, identify the contributions of animal production and its commodities toward society, and understand the basic principles of animal anatomy and animal sciences.

## **Animal Science 2A/Advanced Animal Science-Vet A**

## **Animal Science 2B/Advanced Animal Science-Vet B**

*Grade: 11-12      Subject Area: SE, TE, NHS*

*Prerequisite: Animal Science 1A & 1B*

In this class, we build upon the knowledge gained from Animal Science 1 and go more in-depth with animal care and needs. 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.

## **Astronomy**

*Grade: 11-12      Subject Area: SE, NHS, NCAA*

This class is a student lead class and flipped classroom "style". The teacher serves as a mentor or coach and the students are researchers and the teachers to the other students. Presenting and teaching topics to the rest of the class is ongoing and part of the process. Being comfortable with teaching others, and self-motivated learners thrive in this setting. Students will attend at least one night at a "star party" here locally in the valley, as a course requirement. This course covers many of the large topics of Astronomy; Big Bang, seasons, tides, eclipse, development of the solar system, astronomical instruments, space flight, astronomers, star life cycles, gravity/orbital motion, constellations.

# **SCIENCE**

## **AP Biology A**

## **AP Biology B**

## **AP Biology C**

*Prerequisite: Biology or Chemistry, 3.0 GPA*

*Grade: 11-12      Subject Area: SC, SE, NHS, NCAA*

AP Biology is a college level course designed for highly motivated students who plan on continuing an education in science studies or medicine. In the three trimesters, students will prepare for the AP exam at the end of the year. AP Biology includes recommended laboratory activities from the College Board. Topics include evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. Meets Breadth Life Science requirement at universities.

## **Biology A**

## **Biology B**

*Grade: 9-12      Subject Area: SC, SE, NHS, NCAA*

Biology is the study of life. In this class students will learn about the principles of ecology, cells, plants, animals, and microorganisms, human systems, genetics, and evolution. Students will learn through lectures and notes, activities, and laboratory investigations. Students will conduct dissections and use and care for basic laboratory equipment such as microscopes.

## **Chemistry A**

## **Chemistry B**

*Prerequisite: "B" or better in Math or Science*

*Grade: 10-12      Subject Area: SC, SE, NHS, NCAA*

This course is designed to teach students basic chemistry, concepts, theory, problem solving skills and basic lab techniques. Any college bound student should consider this course as an aid to college acceptance requirements and to prepare the student for college chemistry requirements.

## **AP Chemistry A/Adv. Chemical Principles**

## **AP Chemistry B/Adv. Chemical Principles**

## **AP Chemistry C/Adv. Chemical Principles**

*9<sup>th</sup> or 10<sup>th</sup> grades must have teacher approval*

*Grade: 11-12      Subject Area: SC, SE, NHS, NCAA*

This advanced chemistry course is designed to be comparable to a freshman chemistry course taught at the university level. Students who take this course should be interested in science and/or health science as a career, and are interested in reducing or eliminating their science requirements in college by passing the A.P. exam. Students going into engineering and many health careers will have an advantage over those who did not take AP Chemistry. Advanced Chemistry A and B will be used to teach the material covered in a university freshman chemistry course with Advanced Chemistry C being reserved for review and preparation for the AP Chemistry Exam given at the end of the year. If this exam is passed, 6-8 semester college credits are awarded as well as meeting the Breadth Physical Science requirement at universities.

## **Chemistry 1010**

*Prerequisite: 3.0 GPA, Completion of Sec Math 2 and Chemistry A & B*

*Grade: 11-12      Subject Area: SC, SE, NHS, NCAA*

*Covers General Ed Breadth Physical Science requirement at USU*

Chemistry 1010 is a general survey class that covers most of the concepts of chemistry that have application to daily situations. It is recommended as an option for students needing to fill a science requirement for **NON-SCIENCE** majors. Grades will be mostly from examination. This class will result in 3 USU credits and grade on student's permanent college transcript, so only students that are prepared to do college-level work should register for this class.

# **SCIENCE**

## **Computer Science 1400 (Computer Programming 2)**

### **Elective Math Credit or Technology Credit**

*Prerequisite: Computer Programming 1*

*Grade: 11-12 Subject Area: DS, Math Elective*

Want to learn some in-depth programming concepts? The second trimester of computer programming reviews and builds on the concepts introduced in the first trimester. This trimester introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs and how to work as an effective team member. Students will continue learning the programming language from Computer Programming 1.

## **Computer Science 1030 (Computer Science Principles)**

*Prerequisite: 3.0 GPA*

*Grade: 10-12 Subject Area: DS, TE, USU-Social Studies Breadth requirement*

Computer Science is a dynamic field with an abundance of opportunities. It is a field that touches all industries and is constantly growing and advancing. This course studies the investigation of computers and computing in today's society, including the basic scientific and mathematical concepts that underlie computer science, computing, and computer systems. 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.

## **Intro to Ag Science A**

### **Intro to Ag Science B**

*Grade: 9 Subject Area: SE, TE, NHS, NCAA*

Introductory Ag Course/FFA for 9<sup>th</sup> grade. This course provides an opportunity for 9<sup>th</sup> grade students to learn the major components and economic influencers of the world agricultural industry. Introduction into leadership through the FFA organization. Basic concepts in animal, plant, soil, horticulture, natural resource sciences, along with agribusiness management, and agricultural mechanics will be taught. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for premier leadership, personal growth and career success.

## **Medical Anatomy/Physiology A**

### **Medical Anatomy/Physiology B**

*Prerequisite: 2.5 GPA*

*Grade: 11-12 Subject Area: SE, TE, NHS*

This course will familiarize students with the detailed structure and function of the human body. It includes anatomy and physiology, reviews of medical terminology, health career exploration, leadership building, lab dissections, and CPR instruction. This course will help prepare students for further specialized work in the fields of health, medicine, nursing, dentistry, homemaking, as well as preparing them to take responsibility for and advocate for their own health and wellbeing throughout their lives. You can receive CTE credit for this course.

# **SCIENCE**

## **Medical Terminology**

*Grade: 10-12      Subject Area: SE, TE, NHS*

*Prerequisite: 2.5 GPA*

The goal of this course is to teach students medical terminology that is associated with the structures, organs, and 11 systems of the human body. Terminology of diseases, disorders, and treatments associated with each body system will also be covered. In the process of learning the medical terms, students will become familiar with basic anatomy of the human body. They will learn how to dissect each medical term into its word parts, and translate the word to find its "literal meaning." Students will learn how to pronounce, spell, and use medical terms in practical experiences and everyday life. By taking this class, all other medical classes are easier to understand. This course will not only prepare students for work in a health career but also for understanding and advocating for their own health throughout their lives. You can receive CTE credit for this course.

## **AP Physics A**

## **AP Physics B**

## **AP Physics C**

*Prerequisite: Chemistry or Physics, 3.0 GPA*

*Grade: 11-12      Subject Area: SC, SE, TE, NHS, NCAA*

This is a college level course for highly motivated students. It is particularly beneficial for those who plan on continuing their education in the Engineering, Physics, Chemistry or Medical fields. Topics covered in this course include: matter, energy, static and dynamic motion, heat, sound, light, electricity and magnetism. This course is oriented toward the development of problem solving skills, therefore, mathematical competence is essential. Advanced Physics A and B will be used to teach content required for the AP test. Advanced Physics C being reserved for review and preparation for the AP Physics Exam given at the end of the year. If this exam is passed, 6 semester college credits are given as well as meeting the Breadth Physical Science requirement at universities.

## **Physics A**

## **Physics B**

*Grade: 9-12      Subject Area: SC, SE, TE, NHS, NCAA*

This course provided exposure to the principles and processes of physics. Topics include motion, force, energy, heat, electricity, magnetism, and the structure of matter and the universe. There is an emphasis on laboratory experiments to enhance the understanding of basic physics principles and laws governing the world we live in. This course helps prepare students with the fundamentals required for fields of study including Engineering, Medical and Physics.

## **Plant & Soil Science 1A**

## **Plant & Soil Science 1B/PSC 1800**

*Grade: 10-12      Subject Area: SE*

This is a 2-trimester course in which students will develop knowledge and skills in a wide range of scientific principles related to plants and soil, such as genetics, disease, pests and management practices. Career opportunities and education preparation are examined. Learning activities are varied, with classroom, laboratory and field experiences emphasized. The class works extensively in the school greenhouse to plant, grow, and market all of the Spring bedding plants. Students will participate in a plant sale.

## **Robotics 1**

*Grade: 9-12      Subject Area: SE, TE*

Robots 1 is an introductory course using industry standard equipment and engineering design techniques to design, build and operate a robot. Students will be engaged in advanced C programming and develop skills that essential to problem solving and competitive robot challenges. Course of study includes electronics, physics mathematics and Engineering Design.

# SCIENCE

## **Natural Resource Science A**

## **Natural Resource Science B**

*Grade: 10-12      Subject Area: SE, TE*

Students will develop knowledge and skills related to production management and the conservation of natural resources. Major units will include ecology, range resources, waste management, land use, forestry, wild fires, fly fishing, air use, and a few others. Field and laboratory experiences will be emphasized and used when possible.

## SOCIAL STUDIES

The study of Social Sciences is essential to understanding our surrounding world. Social Sciences empower us in understanding ourselves, our past, our roles in society, our governing institutions, and how each has evolved over time.

## **AP Comparative Government & Politics A**

## **AP Comparative Government & Politics B**

*Prerequisite: Government or AP European History*

*Grade: 11-12      Subject Area: GV, NHS, NCAA*

*(Covers General Ed Breadth Social Sciences requirements at most colleges upon passage of test)*

Study of World Governments and how they compare to America; focusing on England, France, Mexico, China, Russia, and Iran. Made for students who are more interested in the World than just the U.S. Satisfies most General Education Social Studies Breadth Requirements upon passage of AP Test.

## **AP European History A**

## **AP European History B**

## **AP European History C**

*Prerequisite: GPA 3.0*

*Grade: 10-12      Subject Area: WO, NHS, NCAA*

AP European History is a college level class designed for those who have an avid interest in historical thought and inquiry. The class will focus on the European political, social, religious and economic events from approximately 1400 to present. Here at Green Canyon High School, the course is taught comprehensively in the first two trimesters with the third trimester being dedicated for review leading up the AP Exam at the end of the year. The course will be focused on preparing students to take and pass the AP European History Exam that EVERY STUDENT WILL TAKE in May. Because a portion of the exam at the end of the year is writing based, the course will be proactively writing intensive in order to better prepare students to succeed on the exam.

## **AP US Government & Politics A**

## **AP US Government & Politics B**

## **AP US Government & Politics C**

*Prerequisite: US Studies or AP US History, 3.0 GPA*

*Grade: 12      Subject Area: GV, NHS, NCAA*

Advanced Placement American Government (2 trimesters) and Comparative Politics (1 trimester) are two separate courses that involve the intensive study of government of the United States and comparative government and politics throughout the globe. These courses are equivalent to freshman college courses and can earn 6 semester college credits at universities through the United States that matriculate College Board AP credits. AP American Government and Comparative Politics cover bodies of knowledge equivalent to that which a student would be expected to master in introductory college courses. The courses can be taken separately, but it is recommended that students register for both courses. See Mr. Rigby for a course syllabus and more information.

# **SOCIAL STUDIES**

## **AP US History A**

## **AP US History B**

## **AP US History C**

*Prerequisite: 3.0 GPA, Application*

*Grade: 11-12      Subject Area: US, NHS, NCAA*

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and issues in United States history. It is intended for qualified students who wish to complete the equivalent to an introductory college American history course while still in high school. At the end of the course students take the A.P. test. If passed, students may earn 6 or more college credits, accepted at most universities nationwide.

## **Government**

*\*\*Required for all seniors*

*Grade: 12      Subject Area: GV, NHS, NCAA*

The objective of this course is to foster informed, responsible participation in public life. Upon completion of this course the student will understand the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system. Knowing how to be a good citizen is essential to the preservation and improvement of United States democracy. This course is beneficial to seniors due to their proximity to voting and draft age.

## **History 1700/American Civilizations**

*Prerequisite: United States Studies A/B with a "B" average/ overall 3.0 GPA*

*Grade: 11-12      Subject Area: NHS, USU, NCAA*

*(Covers General Ed Breadth American Institutions required at USU)*

United States Studies A and B is a prerequisite to this 1 trimester course which covers themes in history in the United States from pre-Colonial America to the present day. The course will enable students to demonstrate a reasonable understanding of the history, principles, government and economic system of the United States. The course examines the social, historical, political, and economic functions/institutions of the United States. This course fulfills the requirements for the United States History 1700 at Utah State University (3 credits).

## **Psychology2 (Psych and the Good Life)**

*Grade: 11-12      Subject Area: NHS, NCAA*

This class will give students a variety of Philosophical perspectives on happiness and well-being, as well as a background on what modern psychological science teaches us about those things. The purpose of this class is to go beyond theoretical knowledge and put those concepts into practice. The class will address misconceptions we have about happiness and the annoying features of the mind that lead us to think in counterproductive ways. We will focus on thinking and behavioral strategies that have been shown to increase happiness and well-being, with the goal of helping students develop habits that will benefit them throughout their lives.

## **Psychology 1010**

*Prerequisite 3.0 GPA*

*Grade: 11-12      Subject Area: NHS, USU, NCAA*

*Covers General Breadth Social Sciences requirements at USU*

This course is a concurrent enrollment course which introduces students to the basic concepts and principles of psychology. Human behavior will be studied from a variety of theoretical approaches. Students will also learn to apply psychological principles to better understand personal motives, relationships, and personal development and growth. Textbook purchase and reading is a must. This course is a 3-credit course that covers the Social Science Breadth requirements at USU. Students should consider their future academic goals and talk with the teacher or counselors when deciding which course to take.



# **SOCIAL STUDIES**

## **Sociology**

*Grade: 11-12      Subject Area: NHS, NCAA*

Have you ever wanted to better understand human behavior? What influences us to behave the way we do? Sociology will teach you to understand the influence that your world around you has on your behavior and the behavior of groups in society. This is an introductory course that will focus on the foundations of sociology, culture, socialization, deviance, crime, social inequality, institutions and change. As you learn how these social forces affect our daily lives you will begin to see society from different perspectives and increase your understanding of social forces and their influence on society and individuals.

## **Sports & Performance Psychology**

*Grade: 10-12      Subject Area: NHS*

Sports psychology is an introductory course. The class is designed to increase the understanding of the psychological aspect of sport and performance in order to help students gain skills and knowledge that can be applied to everyday life in athletics, academics, and personal life. We will learn to use focus, confidence, motivation, goal setting, emotional control, team dynamics, leadership, attitude, relaxation, and anxiety control to improve our performance in sports, academics, and life in general.

## **United States History A**

## **United States History B**

*Grade: 11-12      Subject Area: US, NHS, NCAA*

United States Studies involves the study of the history of the United States from pre-colonial America to the present day United States. Students will cover the history, political structure, social backgrounds, and economic institutions of the United States. Students in the class will be presented with various types of instruction including reading, writing, lecture, film, and group projects in order to gain an understanding of the total American experience.

## **World Civilizations**

*Grade: 10-12      Subject Area: WO, NHS, NCAA*

The dawn of history before 1500 and the transition period, up to the Middle Ages, emphasis on China, India, Egypt, Greece and the Roman Empire, the Middle Ages-Renaissance Period and the emergence of the modern world, Henry VIII, Absolutism, The Enlightenment, French & Industrial Revolution and Nationalism are some of the topics that will be covered.

## **World Geography**

*Grade: 9-12      Subject Area: GE, NHS, NCAA*

Geography is the study of the physical world, the living world and how the two interact. This course will focus on the interrelationships between our cultural and physical worlds and explore how geography influences human behavior from a local to an international level. Cultural, economic and political geography will be emphasized. Representative groups from around the world will be examined.

# **HEALTH EDUCATION**

## **Health**

*Grade: 9-12      Subject Area: HE, NHS*

This course is designed to give students an understanding of how to practice skills, which are associated with healthy lifestyles. In this class you will learn how to attain personal assets that will help lead a healthier, risk-free life. You will learn about the three facets of health: mental, social and physical.

# **HEALTHY LIFESTYLES**

## **FITNESS FOR LIFE**

### **Fitness for Life**

*Grade: 9-12*

*Subject Area: HC*

*Fitness for Life* is a dynamic course designed to help you discover and enjoy a variety of physical activities while building lifelong fitness habits. From team sports to individual exercises, you'll explore different ways to stay active and develop personal fitness programs tailored to your goals. Along the way, you'll learn key fitness concepts like the FITT principle, cardiovascular endurance, and goal-setting to support a healthy, active lifestyle. Aligned with the *Fitness for Life* standards, this course combines hands-on activities with academic knowledge about exercise science, wellness, and fitness planning. Whether you're looking to improve your strength, try new activities, or simply stay active, this class offers something for everyone while promoting teamwork, self-expression, and overall well-being.

### **Fitness for Life: Aerobics**

*Grade: 9-12*

*Subject Area: HC*

*Fitness for Life: Aerobics* is a fun and engaging class designed to help you stay active, build confidence, and improve your overall fitness through aerobic activities. You'll participate in energizing routines while learning to track your progress, set personal goals, and apply fitness principles like FITT (frequency, intensity, time, and type) to your workouts. This class is perfect for developing lifelong habits that keep you feeling strong and healthy. Aligned with the *Fitness for Life* standards, this course combines physical activity with academic knowledge about exercise science and personal wellness. With a focus on teamwork, self-expression, and improving both physical and mental well-being, you'll gain the tools and understanding needed to make fitness a lasting and rewarding part of your life. For a healthy, active lifestyle that supports college, career, and personal success.

### **Fitness for Life: Weights & Conditioning**

*Grade: 10-12*

*Subject Area: HC*

*Fitness for Life: Weights & Conditioning* is designed to help you build strength, improve fitness, and gain confidence through focused weight training and conditioning exercises. The majority of this class takes place in the weight room, where you'll learn proper lifting techniques, develop personalized strength programs, and understand key concepts like muscle balance, resistance training, and progression. This hands-on approach is perfect for creating lifelong habits to keep you strong and healthy. Aligned with the *Fitness for Life* standards, this course combines physical training with academic knowledge about exercise science, body composition, and fitness planning. You'll gain the tools to set and achieve personal fitness goals while improving both your physical and mental well-being. Whether you're new to weight training or looking to take your skills to the next level, this class is a great way to challenge yourself and stay active for life.

## **PARTICIPATION SKILLS**

### **Aerobics**

*Grade: 9-12*

*Subject Area: HC*

Aerobics is a fun and empowering course designed to help you stay active, build confidence, and improve your fitness through dynamic and engaging aerobic routines. With a focus on participation skills, you'll refine movement techniques, learn how to create personal fitness plans, and explore how physical activity can enhance your overall well-being. Along the way, you'll practice safe exercise habits, develop self-expression through movement, and discover the benefits of teamwork and collaboration. Aligned with the *Participation Skills and Techniques* standards, this class emphasizes building lifelong skills for health and wellness while encouraging personal growth and enjoyment. Whether you're looking to reduce stress, boost your energy, or simply try something new, Aerobics is the perfect way to stay active and feel your best in a supportive, inclusive environment.

# **HEALTHY LIFESTYLES**

## **Athletic Weights/Cond A**

## **Athletic Weights/Cond B**

## **Athletic Weights/Cond C**

*Grade: 10-12      Subject Area: HC*

This is one of 3 core courses in the Participation Skills and Technique curriculum that will count for the 10th grade core. This course is also available for 11th and 12th grade students who have not yet completed their 10th grade core. It may also be used for the PE option requirement. This class is for all students to increase strength, speed, and agility. This is a highly intense class to help student improve their athleticism. It is highly recommended to not register for this class during the season of a sport in which you are participating.

## **Lifetime Sports**

*Grade: 10-12      Subject Area: HC*

This class is 1 of 2 core courses in the Participation Skill and Technique curriculum. It may also be used for a PE option requirement. This course will help students improve fitness while participating and learning different sports and activities.

## **Participation Skills & Technique**

*Grade: 10-12      Subject Area: HC*

Emphasis will be placed on a combination of cardiovascular fitness and skill development in a variety of different individual and team sports. Students will learn skills, fundamental techniques, and rules for a variety of different sports. Student evaluations will include fitness testing, skills testing, and written tests covering the different sports units taught.

## **INDIVIDUAL LIFETIME ACTIVITIES**

## **Bodybuilding Weightlifting**

*Grade: 11-12      Subject Area: HO*

This class is for 11 and 12 grade students that want to get into body building. Bodybuilding is the use of progressive resistance exercise to control and develop one's muscles by muscle hypertrophy for aesthetic purposes. It is distinct from similar activities such as powerlifting because it focuses on physical appearance instead of strength.

## **Fitness - Weight Training/Conditioning**

*Grade: 9-12      Subject Area: HC, HO*

Suggested for 9th graders or 1st time weight lifters.

This class is 1 of 3 courses in the Fitness for Life curriculum. It may also be used for a PE Option. This course will help students to increase athleticism by increasing strength, speed, and agility. The elements of fitness will be discussed with the aid of a textbook.

## **Ice Sports**

Prerequisite: \$50 fee

*Grade: 10-12      Subject Area: HO*

This class is for those students interested in beginning instruction for figure skating, hockey, and broomball. Broomball is similar to hockey and is played in tennis shoes on the ice. Some instruction in Curling may also be a part of the class. You may have watched this sport during Winter Olympics. Equipment for the class i.e., skates, hockey equipment, will be provided by the Ice Center. The class will be held on site at the George S. Eccles Ice Center next to Green Canyon, and there will be a \$50 fee collected from each student for renting ice time.

# **HEALTHY LIFESTYLES**

## **Social Dance 1F**

### **Social Dance 1M**

*Grade: 10-12      Subject Area: HO*

This class is designed for any student interested in dance and dancing as a social activity. Dance positions, fundamentals, and basic steps will be taught. The following dances will be the focus of the class: Cha Cha, Waltz, Swing, Line Dances, Foxtrot and Salsa/Latin Dance styles.

## **Yoga**

*Grade: 9-12      Subject Area: HC*

Do you want to improve your balance, strength, flexibility, cardiovascular, reduce stress levels, improve sleep, stronger bones and muscles, and increase your daily energy levels? This is the class for you!

## **Yoga 2**

*Grade: 10-12      Subject Area: HC*

## **SPORT PARTICIPATION**

### **Cheer Squad A**

### **Cheer Squad B**

*Prerequisite: Audition, 3.0 GPA, 90% Attendance*

*Grade: 10-12      Subject Area: HO*

They must commit to summer practices, some early morning and after school practices, and they must enroll in the cheer class fall and winter trimester. Cheerleaders are a part of the school leadership and are expected to maintain good citizenship and be leaders for the student body. Tryouts are held in March.

### **Color Guard**

*Grade: 9-12      Subject Area: AR*

The Color Guard class is offered first trimester only. Auditions are held in March the previous spring.

Members of the Color Guard are selected through these auditions to be members of the Green Canyon High School marching band and perform through the fall competitive season. All girls chosen to be members must register for the class. The Color Guard focuses on the fundamentals of; spinning flags and rifles, dance and marching. Practicing and preparing for competition performances is also a major focus.

### **Drill Team/Accalias A**

### **Drill Team/Accalias B**

*Prerequisite: Tryouts*

*Grade: 9-12      Subject Area: HO*

This class covers extensive practice and training in jazz dance, military precision, novelty and prop. Practices will often be held before or after school in addition to regular class hours. Several evenings during the year will need to be scheduled for performances and competitions.

# **HEALTHY LIFESTYLES**

## **Skills and Conditioning**

*Prerequisite: Tryouts & Coach Approval*

*Grade: 10-12      Subject Area: HO, HC*

These classes will be for those who desire advanced training, skills and techniques. The classes will teach conditioning and the mental and physical aspects of physical education and sport. Students who enroll must be involved in a school competitive sport. Skills class will be offered for the following sports:

Baseball	Golf	Softball	Track
Basketball (F)	Lacrosse (M)	Swimming	Volleyball (F)
Basketball (M)	Soccer (F)	Tennis (M)	Wrestling (M)
Football	Soccer (M)	Tennis (F)	Wrestling (F)

## **PERFORMING ARTS**

## **Film & Media Arts**

*Grade: 10-12      Subject Area: FA*

This course is for filmmakers, actors, directors, and all others who wish to make artistic films. Critiquing examples from great existing films, and analyzing some of the history of film, we will explore cinematography, screenwriting, lighting, editing, and sound for film. The course's main focus will be creating fictional films with stories, but we will also explore the making of documentaries, music videos, and more. The end goal is to develop the skills to create and produce artistic films of high quality.

## **Musical Theatre Production**

*Grade: 9-12      Subject Area: AR*

This course entails participation in the major school musical. For acting students, emphasis will be placed on character analysis, acting techniques, and performance styles. Students interested in technical theatre may also take this course to expand their skills as designers, managers and technicians. Students may be required to attend rehearsals both before and after school and to participate in other, related activities that enhance their understanding of how theatre works and what it takes to produce a show. Students may register for this course, although an audition may be required in order to remain in the class.

## **Stagecraft/Tech Theatre**

*Grade: 10-12      Subject Area: AR*

This active, hands-on course prepares students to do the backstage work of theatre, including sound, lights, construction, management and stage scenic and costume design. It is designed to teach students the practical side of theater technology. Students will be involved in the stagecraft and sound & light operations of theater productions, concerts, assemblies and other events. Students will be required to complete considerable work outside of class for this course.

## **Theatre 1**

*Grade: 9-12      Subject Area: AR*

This active, hands-on course introduces students to the arts of theatre and drama, including acting, directing, playwriting and design. This course is designed for students who have had limited performance experience or desire to continue developing their current skill level in order to prepare for advanced courses and school production opportunities or just to gain confidence and learn to better interact with others.

# **PERFORMING ARTS**

## **Theatre 2**

*Grade: 9-12*

*Subject Area: AR*

This is an active, hands-on performance class aimed at expanding the skills of students who already have experience and previous instruction with theatre. Students will explore several of the arts of theatre, including acting, directing, playwriting, and design. Students taking this course may also be involved with the Little Theatre season of plays, which are, usually, student-driven and directed. Students should have taken Drama 1 or have been in a theatre production at Green Canyon High School before taking this course.

## **Play Production**

### **Play Production B**

*Grade: 9-12*

*Subject Area: AR*

This course entails advanced instruction and participation in the creation and production of plays other than the major musical theatre production. Possible productions may include any of the following: three act plays, a major play production, one act plays, student-directed plays, and/or ensemble group play creation. For acting students, emphasis will be placed on character analysis, acting techniques, performance styles and/or directing and playwriting. Students interested in technical theatre may also take this course to expand their skills as managers, designers and technicians. Students may be required to attend rehearsals both before and after school and to participate in other related activities that enhance their understanding of how theatre works and what it takes to produce a show. Students may register for this course, although an audition may be required in order to remain in the class.

## **Anthem/Mixed Choir A**

*Grade: 9-12*

*Subject Area: AR*

This is an introductory class with no audition required. All ages of students are welcome. Students learn correct vocal production, theory fundamentals, part-singing, and basic music appreciation in a choral setting. Students will sing a variety of literature including classical, jazz, folk, world, Broadway, contemporary, etc. Music enrichment activities such as playing drums, xylophones, and other fun projects are also part of the course. Students perform in a concert at the end of the trimester. The class can be taken multiple times by students who are interested and includes different music literature each trimester.

## **Aurora A /Treble Choir**

### **Aurora B /Treble Choir**

*Grade: 9-12*

*Subject Area: AR*

Aurora is an advanced, auditioned concert and show choir for women that includes singing, dancing, acting in a variety of settings. Students participate in both concert, festival and show choir settings as well as service opportunities. Students who would like to sing in this choir may register for it during their normal school registration period, and should then complete an audition process held in the spring of each year. Students must register for fall and winter trimesters. There will be after school rehearsals on Tuesdays. This choir will do service performances in the community as well as perform in school concerts. Students will enjoy the beauty of singing in 3-4 part treble voices. Students will learn correct vocal production, theory fundamentals, part-singing, and basic music appreciation in a treble choir setting. Students will sing a variety of literature including classical, jazz, folk, world, Broadway, contemporary, etc. Students will perform in a concert at the end of the trimester, regional choir festivals and a spring show.

# **PERFORMING ARTS**

## **Vivace A /Chamber Choir**

## **Vivace B /Chamber Choir**

*Grade: 9-12      Subject Area: AR*

Vivace (Chamber Choir) is a chamber and show choir of mixed voices (Soprano, Alto, Tenor and Bass). This choir is available by audition to Sophomores, Juniors, and Seniors. Students will perform a variety of literature including concert and festival music and show-style music. Students will perform in fall and spring showcases, Fall and Winter Concerts, Holiday Concerts, community and service events, region and state festivals, and may travel. Students will learn fundamentals of choral singing and healthy vocal production, and basics of music literacy and music appreciation as well as actively participating in choral singing and working toward performances. Students practice regularly after school once a week and should register for the A and B sections of this course.

## **Crescendo A**

## **Crescendo B**

## **Crescendo C**

*Prerequisite: Audition*

*Grade: 10-12      Subject Area: AR*

Crescendo is an advanced, auditioned performing group and chamber choir that includes singing, dancing, and acting. Students sing advanced harmonies and vocal techniques, learn advanced ensemble skills, and will sing, dance and perform a variety of literature, from art music to jazz, pop and Broadway. Students perform in the community often, including a Christmas show and a spring floor show. This group may also travel to perform. Students must be able to attend after-school rehearsals on Fridays, and otherwise as needed. Crescendo members must register for both fall and winter sections and will continue to rehearse after school in the spring. Auditions held in April each year. Students who are interested in being in Crescendo should register for the class during the normal school registration period and then complete the audition process held in the spring of each year.

## **Concert Orchestra A**

## **Concert Orchestra B**

## **Concert Orchestra C**

*Grade: 9-12      Subject Area: AR*

This group is open for all string orchestra students, no audition required. Music selected for Concert Orchestra will represent various genres across all music and will be selected to give students a wide range of styles and higher levels of difficulty. Students enrolled are expected to work on improving their individual skills of performance and musicianship through individual practice and group involvement. Along with evening concerts held at the end of each trimester, the orchestra performs at region and state festivals.

## **Chamber Orchestra A**

## **Chamber Orchestra B**

## **Chamber Orchestra C**

*Prerequisite: Audition*

*Grade: 10-12      Subject Area: AR*

Chamber orchestra is an audition-only group. Auditions are held at the beginning of April for the incoming school year. Chamber orchestra focuses on advanced repertoire meant to challenge the student in both technique, tone, phrasing, and ensemble playing. Although focus is directed on classical repertoire, other genres include world music, folk, jazz, pop, and more. Along with traditional concerts in the evening, Chamber Orchestra also travels to perform at various places in the community, and at region and state festivals. Students interested in this ensemble should register for the class during the registration period and then complete the audition process held in April.

# **PERFORMING ARTS**

## **Advanced Percussion A/Drumline**

*Prerequisite: Audition*

*Grade: 10-12      Subject Area: AR*

Auditions are held the previous May in advance of the Marching Band season beginning. Students must be enrolled in Percussion class both 2<sup>nd</sup> and 3<sup>rd</sup> trimesters the previous year to be eligible for Percussion A. During 1<sup>st</sup> Trimester Advanced Percussion A serves as the Marching Band Drum Line.

## **Advanced Percussion B**

*Prerequisite: Audition*

*Grade: 10-12      Subject Area: AR*

Auditions occur during the fall trimester. Advanced Percussion B studies advanced skill in snare drum, mallet percussion and other areas of percussion. Advanced percussion ensemble literature is performed in concerts and festivals.

## **Advanced Percussion C**

*Prerequisite: Audition*

*Grade: 10-12      Subject Area: AR*

Auditions occur during the fall trimester. Advanced Percussion C studies advanced skills in snare drum, mallet percussion and other areas of percussion. Advanced percussion ensemble literature is performed in concerts and festivals.

## **Intermediate Percussion A**

*Grade: 9-12      Subject Area: AR*

This percussion class provides opportunity for students to begin percussion skills. No audition is required, but some percussion experience is recommended. Students with little or no percussion experience can be considered for this course, but a screening interview with Mr. Beach will be necessary. This course is designed to provide percussion students basic fundamentals to further their skill and experience with all aspects of percussion, including keyboards' and snare drum, in an ensemble setting. Although this course does provide possibility for beginning percussion with no previous experience, a satisfactory level of progress and skill must be achieved to be eligible to continue in Intermediate Percussion B and C.

## **Intermediate Percussion B**

*Prerequisite: Intermediate Percussion A*

*Grade: 9-12      Subject Area: AR*

To be in this class each student must complete Intermediate Percussion A, and/or demonstrate through audition that a satisfactory level of progress and skill has been achieved. This percussion class provides opportunity for students to continue developing intermediate to advanced skills and gain further experience with all aspects of percussion, including keyboard, snare drum and timpani in an ensemble setting. Performances in school and at festival will be part of the class.

## **Intermediate Percussion C**

*Prerequisite: Intermediate Percussion A*

*Grade: 9-12      Subject Area: AR*

To be in this class each student must complete Intermediate Percussion A, and/or demonstrate through audition that a satisfactory level of progress and skill has been achieved. This percussion class provides opportunity for students to continue developing intermediate to advanced skill and gain further experience with all aspects of percussion, including keyboard, snare drum and timpani in an ensemble setting. Performances in school and at festivals will be part of the class.



# **PERFORMING ARTS**

## **Concert Band A**

## **Concert Band B**

## **Concert Band C**

*Grade: 9-12 Subject Area: AR*

The Concert band is designed to allow students to continue to improve their musical ability in a group setting. Music will be played that is challenging and beneficial to the musical growth of the student. The concert band will perform several times throughout the year including the Region Band Festival in the spring.

## **Symphonic Band A**

*Prerequisite: Audition*

*Grade: 9-12 Subject Area: AR*

Auditions are required for enrollment in the Symphonic Band. Symphonic Band A includes all woodwind and brass students who are in the marching band. Auditions for the marching band occur the previous May.

## **Symphonic Band B**

*Prerequisite: Audition*

*Grade: 9-12 Subject Area: AR*

Auditions are required for enrollment in the Symphonic Band. The Symphonic Band is the top performing band in the school. Students will learn music that is enjoyable and challenging as well as develop playing skills through technical studies. The Symphonic Band will perform several times throughout the school year including Region and State Band Festivals in the spring. Auditions are held during May of the previous year.

## **Symphonic Band C**

*Prerequisite: Audition*

*Grade: 9-12 Subject Area: AR*

Auditions are required for enrollment in the Symphonic Band. The Symphonic Band is the top performing band in the school. Students will learn music that is enjoyable and challenging as well as develop playing skills through technical studies. The Symphonic Band will perform several times throughout the school year including Region and State Band Festivals in the spring. Auditions are held during May of the previous year.

## **Music 1010**

*Grade: 11-12 Subject Area: AR, NHS, USU*

*(Covers General Ed Breadth Creative Arts requirements at USU)*

This is a USU Concurrent class. No musical background is required. This course will provide students with a fundamental musical understanding including basic theory, basics of understanding the place of music in our culture, how to listen, music history and appreciation. Covers General Education Creative Arts Breadth requirement at USU.

# **VISUAL ARTS**

## **Art 1**

*Grade: 9-12 Subject Area: AR*

Absolutely no artistic skill is necessary to take this class. If you can physically hold a pencil, charcoal and paint brush, you will learn the basic elements of art and design. If you put forth some effort and focused time, you may even become a great artist. The basic elements of art and design will be taught in sequence from simple to complex. Students will be graded on their own personal level, making success possible regardless of ability. Each student will gain an understanding of line, shape, value, form, perspective and composition. A basic introduction to color theory, art history and aesthetics will lead the student towards advancement in Art 2.

# VISUAL ARTS

## Art 2 (Principles of Art & Design & Medium Exploration)

*Prerequisite:* Art 1- (Not required with portfolio review by instructor)

*Grade:* 10-12      *Subject Area:* AR

This class will use the elements of art and design taught in Art 1 to discover and understand the **principles** of art & design. Students will explore a variety of mediums, such as, pencil, charcoal, colored pencil, watercolor and acrylic paint. An understanding of color theory, art history and composition will deepen and skills will advance as students discover their own personal style and start to develop a portfolio for future art classes, competitions and scholarships.

## AP Art and Design A

## AP Art and Design B

## AP Art and Design C

*Prerequisites:* Art 1, Art 2 AND an Application and Portfolio Review by instructor.

(Art 1 & Art 2 are **NOT** required with portfolio review by instructor)

*Grade:* 9-12      *Subject Area:* AR, NHS

This is NOT just an Art class for the most advanced and best artists nor is it just a drawing and painting class. This is an art class for ANYONE wanting to explore and investigate their own personal creativity. Three different portfolio options are available leaving things very wide open as far as choice of medium. (Examples: Graphic Design, Digital Art, Photography, Collage, Fabric Design, Weaving, Fashion Design, Illustration, Watercolor, Oil Painting, Printmaking, Sculpture, and the list goes on....) In this class, you will develop and apply skills of inquiry, investigation, practice, experimentation, revision, communication and reflection of a sustained investigation. A bit of self-direction and self-motivation are required. Let CREATIVITY be a part of your school day. A.P. Art & Design is a 3-Trimester class.

## Ceramics 1/Intro to Ceramics

*Grade:* 9-12      *Subject Area:* AR

Come and learn the basics of pottery and make something beautiful that you can use. In this ceramics class you will get a taste of all the elements of pottery: Pinch pots, coil, hard and soft slab and wheel throwing. No prerequisite required.

## Ceramics 2

*Prerequisite:* Ceramics 1

*Grade:* 9-12      *Subject Area:* AR

This class is intended as a continuation for serious Ceramics 1 students with a desired emphasis in either hand built or wheel thrown pottery. In short, you will decide which area of pottery you are most interested in and choose projects to help you hone your skills.

## Ceramics 3

*Prerequisite:* Ceramics 2

*Grade:* 10-12      *Subject Area:* AR

Much like Ceramics 2, this class is intended for the serious ceramics student who wants to improve his talents as a potter. Primarily intended for wheel throwing students, we will be experimenting with new textures, clays, and glazing and firing techniques. Students will be expected to research and share ideas discovered online, from various texts, or from outside discussion with other potters.

## Sculpture

*Prerequisite:* Ceramics 1

*Grade:* 10-12      *Subject Area:* AR

An introductory sculpture class focused on studio production using a broad range of materials to create three dimensional forms. Students will use clay, wire, paper mâché, found objects, plaster, etc. to create expressive forms. Students will also study the history of sculpture, the principles of aesthetics, and art elements in connection with the making of art.

# **VISUAL ARTS**

## **Painting 1(Watercolor)**

*Prerequisite: Art 1 (May be skipped with portfolio review by instructor)*

*Grade: 9-12      Subject Area: AR*

This is a **WATERCOLOR** class only. This class has a strong emphasis in color theory, composition, original artwork and other watercolor techniques. This class will be a good fit for you if you enjoy drawing, mixing color and tapping into your creative side. Watercolor painting is very relaxing and enjoyable. Take an hour of your school day to drop the stress and anxiety of life. High quality artwork will be produced for art shows, competitions, possible A.P. portfolio and/or scholarship portfolio.

## **Painting 2 (Oil)**

*Prerequisite: Art I (May be skipped with portfolio review by instructor)*

*Grade: 9-12      Subject Area: AR*

This is an **OIL PAINTING** class only. Oil paint is known as one of the most forgiving mediums. If you have no experience or little experience with painting, then Painting 2 is the class for you. An emphasis in color theory, composition, original artwork and other oil painting techniques will be taught in this class. Take an hour of your day to enjoy some therapeutic creativity. High quality artwork will be produced for art shows, competitions, possible A.P. portfolio and/or scholarship portfolio.

## **Commercial Photo 1 (Basic)**

*Grade: 9-12      Subject Area: AR*

*Fees: \$30*

Improve your Photography in this fun and interesting class! Students will learn to use DSLR Cameras with all modes, buttons and functions. They will also learn Adobe Photoshop. Students will learn the History of Photography. They will have a series of projects which include: landscape, portraiture, sports and action, macro-up-close, and more. Students will gain a technical knowledge of camera functions, the exposure triangle, aperture, ISO, shutter-speed, f-stops and more specialized techniques. Students will learn of careers and jobs available in this and related fields. They will present their work in various formats. They will analyze, critique and, respond to their own and others artwork. They will make connections between their photography within the context of their own life, culture, state, country and the world. We will meet the CTE Commercial Photography strands and standards as established by the Utah State Board of Education.

## **Commercial Photo 2 (Advanced)**

*Prerequisite: Commercial Photo 1*

*Grade: 10-12      Subject Area: AR*

*Fees: \$30*

Improve your Photography in this fun and interesting class! Students will continue to learn to use DSLR Cameras. They will continue to learn Adobe Photoshop. Students will continue to learn the History of Photography. They will have a series of more advanced projects which include: studio portraiture, sports and action, street photography, and several open-choice projects designed to allow students to pursue their specific interests and talents. Students will improve their technical knowledge of camera functions and related technology. Students will learn of careers and jobs available in this and related fields. They will present their work in various formats. They will analyze, critique and, respond to their own and others artwork. They will make connections between their photography within the context of their own life, culture, state, country and the world. We will meet the CTE Commercial Photography strands and standards as established by the Utah State Board of Education.

# VISUAL ARTS

## **Photo 3**

*Grade: 10-12*

*Subject Area: AR*

*Fees: \$30*

Improve your Photography in this fun and interesting class! Students will pursue more advanced work as they pursue advanced projects designed to allow students to pursue their specific interests and talents. Students will continue improve their technical knowledge of camera functions, the exposure triangle, aperture, ISO, shutter-speed, f-stops and more specialized techniques. They will present their work in various formats. They will analyze, critique and, respond to their own and others artwork. They will make connections between their photography within the context of their own life, culture, state, country and the world. We will meet the Secondary Visual Arts Level 3 strands and standards as established by the Utah State Board of Education. This course counts as Fine Arts credit toward graduation requirements.

## DIGITAL STUDIES

## **Business Office Specialist**

*Grade: 10-12*

*Subject Area: DS, TE*

Computer Literacy is a foundational element of success in today's technology driven world. The focus of this course will be preparing students to pass the Microsoft Office Specialist Exams. This course offers students hands-on experience with computer applications used by major businesses. Students will explore and certify in the Microsoft Office Suite - Microsoft Word, Excel, and PowerPoint. Students will use computers equipped with Windows 10 and Microsoft Office 2019.

## **Computer Programming 1**

*Grade: 10-12*

*Subject Area: DS, MA Elective, TE*

**SEVENTY PERCENT OF THE JOB MARKET REQUIRES COMPUTER SCIENCE** experience. Programming is the best way to get that experience!!! But be ready!!! Coding is Problem Solving and can be tricky! We are looking for systematic and logical thinkers to take this course!!! Programming 1 introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts and higher-level thinking skills. This course requires the use of logic and critical thinking skills. Concepts and problem-solving skills will be introduced to students through the PYTHON programming language.

## **Computer Science 1030 (Computer Science Principles)**

*Prerequisite: 3.0 GPA*

*Grade: 10-12*

*Subject Area: DS, TE, USU-social studies breadth requirement*

Computer Science is a dynamic field with an abundance of opportunities. It is a field that touches all industries and is constantly growing and advancing. This course studies the investigation of computers and computing in today's society, including the basic scientific and mathematical concepts that underlie computer science, computing, and computer systems. 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.

## **Web Development 1**

*Grade: 10-12*

*Subject Area: DS, TE*

Web Development 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 and use the basic building blocks of the World Wide Web: HTML5 coding and cascading style sheets (CSS). They will follow the steps to create a website by planning, designing, developing, deploying, and maintaining website projects. They will learn what it takes for a career in web development as they complete projects and create their own website(s).

# **FINANCIAL LITERACY**

## **FINANCIAL LITERACY**

### **Financial Literacy**

*Grade: 11-12      Subject Area: FL, NHS*

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

### **FCSE 1350 (Personal Finance)**

*Prerequisite: 3.0 GPA*

*Grade: 11-12      Subject Area: FL, NHS, USU*

*College Credits: 3*

#### **1 Trimester Class**

This Personal Financial Planning concurrent enrollment course is designed for high school juniors and seniors who plan on attending college. At the conclusion of the course, students should have the foundation necessary to apply the decision-making skill needed to be knowledgeable and effective consumers, money managers, savers, investors, users of credit, citizens and productive workers in a global workforce and society. This also meets a Breadth Requirement at USU.

## **INFO TECH**

### **Advanced Computer Programming**

*Prerequisite: Must take Computer Programming 1 & 2*

*Grade: 10-12      Subject Area: SC, TE, Math Elective*

This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in Computer Programming 1 and 2. It introduces students to dynamic data structures, advanced utilization of classes, and applications of recursion through the application of mathematical concepts. This course will also highlight the differences between the many different languages of computer programming.

### **3D Animation**

*Grade: 10-12      Subject Area TE*

*Prerequisite: Digital Media 1 or Teacher Approval*

Step into the world of digital storytelling with 3D Animation 1! In this course, students will bring ideas to life using professional 3D graphics software to create stunning models and animations. From sketching concepts in 2D to designing immersive 3D environments, students will explore animation planning, storyboard development, and the animation process itself. Ideal for those drawn to animation, gaming, and media design.

### **Database Development**

*Grade: 10-12      Subject Area: TE*

This course is designed to educate students on the fundamentals of database and to provide introductory knowledge of and skills with database, including relational databases using SQL. This course will provide students with the necessary skills to pursue academic and professional opportunities.

# **CAREER TECHNOLOGY (INFO TECH)**

## **DGM 1645 Mixed Reality Essentials**

*Grade: 11-12      Subject Area: UVU*

Recent advances in technology has allowed AR/VR systems to become extremely sophisticated and realistic. This course introduces students to AR/VR/Mixed reality using browser technology, mobile apps, head mounted displays and other emerging platforms. Students will also learn about and discuss the risks and side effects of these systems, including health, privacy, and ethical implications.

## **Computer Science 1400 (Computer Programming 2)**

### **Elective Math Credit or Technology Credit**

*Prerequisite: Computer Programming 1*

*Grade: 11-12      Subject Area: DS, Math Elective*

Want to learn some in-depth programming concepts? The second trimester of computer programming reviews and builds on the concepts introduced in the first trimester. This trimester introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs and how to work as an effective team member. Students will continue learning the programming language from Computer Programming 1.

## **Computer Science 3A**

### **Computer Science 3B/CS 1410**

*Prerequisite: 3.0 GPA & Computer Programming 2*

*Grade: 10-12      Subject Area: TE, USU-Quantitative Intensive requirement*

This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in Computer Programming 1 and 2. It introduces students to dynamic data structures, advanced utilization of classes, and applications of recursion through the application of mathematical concepts. This course will also highlight the differences between the many different languages of computer programming.

## **Game Development Fundamentals 1**

*Grade: 9-12      Subject Area: TE*

Embark on a creative journey into the world of game development! This hands-on course introduces students to the art and science of game creation, integrating STEM principles in an exciting, project-based environment. Students will explore game design, learn how to utilize pre-made scripts, craft digital assets, develop animations, and understand the role of hardware in gaming. Through collaboration and problem-solving, students will tackle real-world challenges while honing critical thinking and project management skills. Whether you're a budding game designer or simply curious about what goes into creating your favorite games, this course offers a dynamic experience that brings ideas to life!

## **Game Development Fundamentals 2**

*Prerequisite: Game Development Fundamentals 1 & Programming 1 & 2*

*Grade: 10-12      Subject Area: TE*

This course is designed to provide students with deeper knowledge and project-based experience of fundamental game 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. We will continue to use Unity as the basis for our curriculum and game design projects.

## **IT STEM Academy**

*Grade: 9-12      Subject Area: TE*

*\*This course is taught after school M-Th 3:00-4:15.*

Do you like computers, programming, and all things Cyber? Learn about PC hardware, programming, networking, cyber security, web development, Linux, Mac, and Raspberry Pi. This free program is offered after school Mon-Thurs with options for multiple entry points during the year. Complete a BTECH industry recognized certificate while in high school. Complete 30 credits toward an associate's degree at USU (equivalent to one year) – tuition free.

# **CAREER TECHNOLOGY (INFO TECH)**

## **Web Development 2**

*Grade: 10-12      Subject Area: TE*

*Prerequisite: Web Development 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: They follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the 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.

## **BUSINESS**

## **Business Communication 1**

*Grade: 10-12      Subject Area: TE, ENG*

Prepare to unlock the power of effective communication! Get ready to dive into a world where the way we connect impacts everything we do. From talking with friends and coworkers to nailing that job interview, this course will be your guide to mastering clear, courteous, and crisp communication - both in your personal and professional spheres. Own your oral, written, interpersonal, technological, and employment communication. You will learn to unleash your power to connect and communicate effectively in every aspect of your life!

## **Business Communications/BUSN 2200**

*Grade: 10-12      Subject Area: TE, EN, USU*

Can count for 12th Grade Language Arts

Prepare to unlock the power of effective communication! Get ready to dive into a world where the way we connect impacts everything we do. From talking with friends and coworkers to nailing that job interview, this course will be your guide to mastering clear, courteous, and crisp communication - both personally and professionally. Own your oral, written, interpersonal, technological, and employment communication. You will learn to unleash your power to connect and communicate effectively in every aspect of your life!

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## **BUSN 1111 (Accounting1)**

*Grade: 11-12      Subject Area: TE, Math Elective, USU*

Thinking you might want to own or run a business? Maybe just be successful at your own personal finances? Accounting 1 will introduce you to the field of, not only accounting, but general business practices. This course focuses on the accounting equation, analyzing business transactions, understanding financial statements and managing and protecting cash. Everything you need to prepare you for the world of entrepreneurship, business, and personal financial success!

## **Business Law**

*Grade: 11-12      Subject Area: TE*

Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They will also work to gain an understanding of basic legal vocabulary. The course will include an understanding of the court system at the local, state, and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations. As a culminating project students will participate in one or more mock trials.

# **CAREER TECH (BUSINESS)**

## **Business Leadership**

*Grade: 10-12      Subject Area: TE*

This class teaches how to be an effective leader. Concepts include leadership history, goal setting, time management, effective communication, diversity, and decision making.

## **Business Management**

*Grade: 11-12      Subject Area: TE*

This Business Management course seeks to develop sound management concepts within students, as management plays a role in any future employment opportunity. Students are able to analyze, synthesize, and evaluate data from the other functional areas of business (e.g., marketing, finance, and production/operation). Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn the four basic functions of management: planning, organizing, directing, and controlling.

## **Business & Marketing Capstone**

*Prerequisite: Need to have taken at least 2 Business Classes with a B or Higher. Permission from teacher or served in FBLA or DECA.*

*Grade: 11-12      Subject Area: TE*

This course is designed for ADVANCED BUSINESS STUDENTS to further their business knowledge and skills. The prerequisite for the class is that students need to 1) have taken at least 2 business classes (not including BOS) and passed with at least a B grade, 2) are a Junior/Senior and, 3) have permission from the teacher or have served, (or is currently a member of), FBLA or DECA.

## **Digital Marketing**

*Grade: 10-12      Subject Area: TE*

*Prerequisite: Recommend taking Marketing or Exploring Business*

This higher-level marketing course is designed to give students a general background in the digital marketing career field. Students will dive into the concepts and principles of the *digital* experience, by focusing on the learning tools and skills necessary for solving business problems, and developing marketing opportunities. This course will provide practical experience in, but not limited to: eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and mobile media.

## **ECON 1500**

*Prerequisite: 3.0 GPA*

*Grade: 11-12      Subject Area: TE, NHS, USU*

*Covers General Ed Breadth American Institutions requirement at USU*

Introduction to Economics is designed to build an understanding of economic institutions, history, and principles. In addition, it will focus on relationships between private and public sectors of the U.S. Economy. Also, it will analyze major economic institutions, such as property rights, markets, business organizations, labor unions, money and banking, trade and taxation.

## **Entrepreneurship**

*Grade: 10-12      Subject Area: TE*

The Entrepreneurship course is designed for students who have an interest in developing the skills, attitudes and knowledge necessary to start and/or operate a successful business. It is designed as a step-by-step process to take students from the idea-generation phase through creation of a business of their own (i.e., lawn care business, hair stylist, a franchise, or importing/exporting business, etc.).



# **CAREER TECH (BUSINESS)**

## **Investing & Wealth Management**

Grade: 11-12

Subject Area: TE

Prerequisite: Accounting 1/BUSN111

Want to learn more about how to build wealth? This new course will not only cover the basics of investing and finance, but also move into more exciting concepts like compound interest, risk and financial statements analysis, financial markets, asset and stock valuations, working capital management, and emerging trends in investing. Join us as we explore the pathways of accounting and finance and the many career opportunities in finance and investing

## **Marketing 1 & Exploring Business**

Grade: 9-12

Subject Area: TE

This introductory business class will provide students the opportunity to explore the essential concepts in the Business, Finance and Marketing Career Cluster. Students will learn the foundations of marketing, along with the basics of entrepreneurship, accounting, finance, employment skills, and leadership learning activities. Students will also be exposed to courses within the Business and Marketing Career Pathways and leadership organizations such as FBLA/DECA. Students will gain a greater understanding of real-world business operations through field trip opportunities with hands-on experiences in marketing, business and entrepreneurship.

## **Sports & Entertainment Marketing**

Grade: 10-12

Subject Area: TE

Prerequisite: Marketing 1 & Exploring Business is recommended to take first.

This course builds on the foundations set in Marketing and Exploring Business that will help students gain a deeper understanding of marketing concepts as they apply to the sports and entertainment industry. In this course we will cover the application of core marketing standards, segmentation & target marketing, the event marketing triangle (events, fans, and sponsors), digital media, sports and entertainment promotion and marketing plans.

## **Engineering**

### **CAD Mechanical Design 1**

Grade: 9-12

Subject Area: TE

The first in a sequence of courses that prepares individuals to develop technical knowledge and skills required to plan and prepare scale pictorial interpretations and technical documentation of engineering and design concepts. This includes instruction in the use of 2D Computer-Aided Design (CAD) software, sketching, drawing layout, geometric construction, orthographic projection, and dimensioning.

### **Robotics 1**

Grade: 9-12

Subject Area: SE, TE

Robots 1 is an introductory course using industry standard equipment and engineering design techniques to design, build and operate a robot. Students will be engaged in advanced C programming and develop skills that essential to problem solving and competitive robot challenges. Course of study includes electronics, physics mathematics and Engineering Design.

# **CAREER TECH (TECH ART)**

## **BTECH AM Robotics STEM**

Grade: 10-12      Subject Area: TE

*\*\*Before School*

**STUDENT CAN TAKE 6 TRIMESTERS OVER THE COURSE OF TWO YEARS TO EARN CREDITS TOWARDS THE 30 CREDITS REQUIRED FOR AN ASSOCIATES DEGREE AT USU (equivalent to one year) - - tuition free! WILL BE ABLE TO COMPLETE A BTECH, INDUSTRY –RECOGNIZED CERTIFICATE SHORTLY AFTER GRADUATION FROM HIGH SCHOOL DEPENDING ON CREDITS EARNED AT GREEN CANYON.**

Do you like tearing things apart? Do you wonder how remote controls, mechanics, or electricity works? Explore the wide range of fun, interactive projects using robotics, programming, pre-engineering skills, and more. Program and troubleshoot the brains of automation found in manufacturing today. Discover, 'real world' experiences with industry internships at recognized local companies. Don't just play the games, design, create, and build stuff. Make your passion a rewarding career!

This class will be taught "0" hour at Green Canyon.

## **TECH ART**

## **Advanced Floriculture**

Grade: 12      Subject Area: TE

*Prerequisite: Floriculture*

This is a 1 trimester course that students will continue to build upon floral design principals with an increased capacity in business management, advanced floral mechanics/structure and advanced event planning. Students will be able to demonstrate critical thinking and communication skills by interviewing, interpreting, planning and implementing consumer requests with design work that's aesthetically pleasing to that client.

## **Digital Media 1**

Grade: 9-12      Subject Area: TE

Digital Media is the process of analyzing, designing, and developing interactive media. Digital Media 1 is a course where students will create and learn digital media applications while using elements of text, graphics, and digital imaging for various formats. This course is designed to provide students with the basic knowledge and skills related to the graphic 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.

## **Floriculture**

Grade: 11-12      Subject Area: TE

This a 1 trimester course that explores the basics of Floral Design and its role in the Agriculture industry. Students will develop skills in arranging flowers as well as learn and explore concepts related to growing cut flowers, production, and business. Students will also explore current design trends in Floral Design and compare them to historical trends.

## **Construction Trades Foundation (Intro to Construction)**

*Prerequisite: Woods 1*

Grade: 10-12      Subject Area: TE

Construction Trades and Foundation is an introduction to Construction Trades. Students will be prepared in the areas of: General OSHA safety standards, Power and Hand Tool Safety, Basic Blueprint reading and Instruction in Construction Math. Students will also gain an industry overview, what to expect on the job and specific career opportunities. Students will get hands-on experience with basic construction framing.

# **CAREER TECH (TECH ART)**

## **Video Production 1**

*Grade: 10-12      Subject Area: TE*

This course is designed to provide students with the basic knowledge and skills related to the video production industry. Students actually produce videos and the best are submitted to the Utah Film Festival. The course includes instruction and hands-on assignments in the following areas: Camera operation, recording audio, lighting systems, pre-production, production, post production, visual effects and graphics, and copyright laws. Students will make several fun and exciting videos in this course, including a short film and music video!

## **Woods 1**

*Grade: 9-12      Subject Area: TE*

An introductory course in the skills and tools used in today's cabinet making and millwork industry. Students will explore career choices in the woodworking fields. Students will develop valuable safety and proper use of hand tools, power tools and related machinery. Each student will build several basic woodworking projects.

## **Woods 3**

*Prerequisite: Woods 1*

*Grade: 9-12      Subject Area: TE*

The second in a sequence of courses that prepares individuals to apply technical woodworking knowledge and skills to lay-out, shape, assemble and finish a desired woodworking project. Value is placed on craftsmanship, production and design principles. This course emphasizes the development of production principles in a manufacturing environment.

## **AGRICULTURE**

## **Agricultural Systems Technology 1A (Welding)**

## **Agricultural Systems Technology 1B (Plumbing)**

*Grade: 10-12      Subject Area: TE*

Students will develop knowledge and skills in the application of principles and techniques of power, structural, and technical systems used in the agricultural industry, particularly agricultural production and service. Instruction includes classroom and laboratory learning and the application of the concepts taught through supervised agricultural experience. Students will develop basic skills in areas of hot and cold metal work, tool reconditioning, plumbing, and painting, bill of materials preparation, small gas engines, and welding. The basic practices associated with soil and water management are included. Safety and proper use of tools and equipment will be emphasized.

## **Agricultural Systems Technology 2A (Drift Bike)**

## **Agricultural Systems Technology 2B (Construction)**

*Prerequisite: Welding 1*

*Grade: 10-12      Subject Area: TE*

Students will develop knowledge and skills in the application of principles and techniques of power, structural, and technical systems used in the agricultural industry. Emphasis will be on selecting, operating, maintaining, servicing, and using agricultural power units and equipment. The course also includes agricultural uses of concrete and electricity. Safety and the proper use of safe practices will be integrated throughout the instruction. The instructional methods will involve applications of concepts being taught through classroom and laboratory instruction and supervised agricultural experience.

# **CAREER TECH (AGRICULTURE)**

## **Welding 2**

*Prerequisite: Ag Systems Tech 1*

*Grade: 10-12      Subject Area: TE*

Students will learn more advanced skills in the welding processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. This course is based on the American Welding Society (AWS) task list. Instruction will occur in advanced processes of MIG, TIG, Plasma Cutting, Air Carbon Cutting, and Flux Cored Arc Welding. Students will plan, budget, build and bill an approved project of their choice involving at least three of the processes listed above. FFA opportunities are also available through this course.

## **Welding 3**

*Prerequisite: Welding 2*

*Grade: 10-12      Subject Area: TE*

This is an advanced welding skills course. This course will teach students the processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. In this course, students will learn and practice knowledge, attitude, skills and habits required to perform tasks autonomously and with minimum supervision, including the selection and use of appropriate techniques and equipment.

## **FAMILY CONSUMER SCIENCE**

## **Child Development**

*Grade: 9-12      Subject Area: TE*

Learn all about kids in a fun, exciting, and practical way. This class will provide you with information, skills, and activities that you will ACTUALLY USE in life. If you are planning on going into a career like: Early Childhood Education, Social Work, Counseling, Medical Field, working with children in a preschool/daycare, OR just want to be a parent someday, this is the class for you. Great intro to HDFS 1500.

## **Early Childhood Education 1**

*Prerequisite: Child Development*

*Grade: 10-12      Subject Area: TE*

This lab course prepares individuals for child related careers and more extensive parenting skills through personal interaction with children. Instruction is given in developing positive relationships and learning experiences for children, childcare policies and management, guidance techniques, and health and safety concerns. This class is a great intro to any careers working with children. If you are going into Early Childhood Education, Social Work, Counseling, working with children in a preschool/daycare, OR just want to be a parent someday, this is the class for you.

## **Early Childhood Education 2**

*Prerequisite: Child Development & Early Childhood Ed 1*

*Grade: 11-12      Subject Area: TE*

This advanced course prepared individuals for child related careers and more extensive parenting skills through personal interaction with children. Instruction is given in developing positive relationships and learning experiences for children, childcare policies and management, guidance techniques, and health and safety concerns. The school's preschool and other childcare experiences will be a major component of the course. Students will need to provide their own transportation. This class is a great way to get experience working with children and gather hours for a Child Development Associates Certificate. If you are going into Early Childhood Education, Social Work, Counseling, or working with children in a preschool/daycare.

# **CAREER TECHNOLOGY**

# **FAMILY & CONSUMER SCIENCE**

## **Early Childhood Education 3**

*Prerequisite: Child Development, Early Childhood Ed 1 & Early Childhood Ed 2*

*Grade: 10-12      Subject Area: TE*

This is the capstone course for ECE pathway. It prepares individuals for child related careers and more extensive parenting skills through personal interaction with children. We focus on giving hands-on experiences for students to use for their future careers. The school's preschool and other childcare experiences will be a major component of the course. Students will need to provide their own transportation. This class is a great way to get experience working with children and gather hours for a Child Development Associates Certificate. If you are going into Early Childhood Education, Social Work, Counseling, or working with children in a preschool/daycare.

## **Fashion Design Studio**

*Grade: 9-12      Subject Area: TE*

This course introduces students to the world of fashion. Areas to be included are: elements and principles of design, Fashion Designers, textiles, consumerism and careers, and an emphasis on personal application.

## **Food and Nutrition**

*Grade: 9-12      Subject Area: TE*

This course will provide instruction and hands-on experience with nutrition and food. Students will learn how to use My Plate in planning well balanced diets. The six essential nutrients are studied in depth and applied to food products in the lab area. Students will be required to work efficiently in groups using proper food preparation techniques and food safety.

## **Foods & Nutrition 2**

*Grade: 9-12      Subject Area: TE*

Students will learn proper principles and methods of preparing meat, poultry, pastry and confections and their use in nutritious satisfying meals. The students will increase their understanding of consumerism used in the home and food industry. Nutrition principles and applications will also be emphasized.

## **FCSE 1040 (Outdoor Product Design and Development)**

*Prerequisite: 3.0 GPA*

*Grade: 11-12      Subject Area: USU, NHS*

This class will introduce basic sewing techniques from the perspective of outdoor gear, products, and the outdoor industry. Skills to be covered will be: basic seams, zippers, pockets, pouches, plastic hardware, and elastic. At the conclusion of the course, students will be able to follow a basic pattern, identify essential fabrics, and construct a small collection of functional products. If the student chooses they can get concurrent enrollment through USU, and get started on the Outdoor Product Design and Development Degree (OPDD).

## **HDFS 1500/Human Growth & Dev.**

*Prerequisite: 3.0 GPA*

*Grade: 11-12      Subject Area: TE, NHS, USU, NCAA*

*(Covers General Ed Breadth Social Sciences requirement at USU)*

An overview of human development from conception through death, focusing on physical, cognitive, and psychosocial development. A class for students desiring an understanding of themselves and others, as humans developing through the life span. HDFS 1500 is an approved class for general education in Social Sciences. The most commonly required general education class at USU.

# **CAREER TECHNOLOGY** **FAMILY & CONSUMER SCIENCE**

## **HDFS 2400-Individual Family Relationships**

*Prerequisite: 3.0 GPA*

*Grade: 11-12      Subject Area: FL, TE, NHS, USU-6 credits*

This class is designed for Seniors and Juniors that should be a prerequisite to life. Subjects covered include dating, the mate selection process, engagement, marriage, child guidance, self-management, finances through the lifespan and life crisis. Students will be better prepared to cope with marriage and parenting, (the pleasures and trials). Important aspects of the class include financial literacy through the lifespan, communication with parents, future mate, and children; coping skills for daily life and crisis; building strong families. The class is about your relationships—all of them!

## **Interior Design**

*Grade: 9-12      Subject Area: TE*

An introduction to Interior Design which gives students experience with the elements and principles of good design. Students will evaluate and select all of the elements that go into interior space including all materials, floor plans, and furnishings. The class prepares students to make proper decisions required for creating a desirable living environment. .

## **IDT 1010/Interior Design 2**

*Prerequisite: Interior Design 1*

*Grade: 11-12      Subject Area: TE, AR, Weber*

This Interior Design 2 course provides students the opportunity to develop skills in applying the elements and principles of design to interiors. Projects are integrated throughout the course to provide applications as the student's study: architecture, furniture styles and construction surface treatments and backgrounds, design and function of space and lighting.

## **NDFS 1020/Nutrition**

*Prerequisite: 3.0 GPA*

*Grade: 11-12      Subject Area: TE, SE, NHS, USU*

*(Covers General Ed Breadth Life Sciences requirement at USU)*

An in-depth look at nutrition as it relates to active, healthy lifestyles. Students will study the factors influencing nutrition and people in today's world. NUTR 1020 is a Life Science class which is a general education requirement at most universities. Students will receive 3 Weber State credits and will transfer easily to USU.

## **Sewing Construction and Textiles 1**

*Grade: 9-12      Subject Area: TE*

Learn to sew! This class will teach you the basics of a valuable life skill. Projects are varied according to your interest and ability. The skills learned in this course can help prepare students for the exciting global apparel industry and entrepreneurial opportunities.

## **Sewing Construction and Textiles 2**

*Prerequisite: Sewing Construction and Textiles 1*

*Grade: 10-12      Subject Area: TE*

This course is a continuation of Sewing 1. The emphasis will be on individualized sewing and skill building to help students construct current fashionable clothing, sports and active wear items, and/or home décor items such as quilt tops, pillows, and wall hangings, etc. Projects will be selected to help the student apply current skills and learn additional skills. **THIS CLASS CAN BE TAKEN MORE THAN ONCE.** Each time the class is taken, the student will continue to build on current sewing skills.

# **CAREER TECHNOLOGY** **FAMILY & CONSUMER SCIENCE**

## **Sports & Outdoor Product Design**

*Grade: 9-12      Subject Area: TE*

This class will introduce basic sewing techniques from the perspective of outdoor gear, products, and the outdoor industry. Skills to be covered will be: basic seams, zippers, pockets, pouches, plastic hardware, and elastic. At the conclusion of the course, students will be able to follow a basic pattern, identify essential fabrics and construct a small collection of functional products.

## **CAREER TECHNOLOGY**

## **Biotechnology A**

## **Biotechnology B**

*Grade: 11-12      Subject Area: TE*

*Prerequisite: \$50 lab fee*

This 2-trimester course is designed to introduce the field of Biotechnology and forensic science. The focus is on introductory skills necessary to prepare students for careers in the medical or criminal justice fields such as medical researcher, hospital lab technicians, forensic scientist or crime scene technicians.

## **CTE Internship**

*Prerequisite: Students must complete an application available from the Counselor or WBL Coordinator. Have 90% attendance, and 3.0 GPA, and online to graduate.*

*Grade: 11-12      Subject Area: TE*

An opportunity to explore your career in real time, this class will empower students with powerful job readiness and thinking skills. Students will be guided through the process of job applications, resumes, cover letters and interviewing skills. The first two weeks of the trimester will be spent in intensive training to prepare the student for their cooperative or intern placement. Afterwards, Monday classes continue to educate and support the work experience, and student will be required to complete a minimum of 4 hours a week at their placement site.

## **Cosmetology A**

## **Cosmetology B**

## **Cosmetology C**

*Prerequisite: Counselor Approval*

*Subject Area: TE*

Students can choose the beauty school of their choice, and we encourage each student and parent to visit local schools and talk to the directors before making a decision. Cache School District does not favor one school over the other and will pay part of the tuition for students attending either school. Most high school students are eligible to receive a partial scholarship to attend. The remaining tuition cost is covered by the student. The class is taken for a minimum of two periods each trimester. See your counselor before registering.

## **Intro to Health Science**

*Grade: 9-12      Subject Area: TE, NHS*

*Prerequisite: 2.5 GPA*

This one trimester 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, health career exploration, and leadership building. The course prepares students for the Medical Anatomy/Physiology course and/or for a variety of health technology programs, such as CNA and Medical Assisting at Bridgerland, as well as preparing them to take responsibility for and advocate for their own health and wellbeing throughout their lives.

# **CAREER TECHNOLOGY**

## **Law Enforcement**

*Grade: 11-12      Subject Area: TE*

This course is designed to give students insight into the criminal justice system. This will include an overview of the court system corrections, and law enforcement. Students will also receive instruction from many guest speakers; SWAT, CAPSA, dispatchers, Gang unit members, Cache County Attorneys, ETC. This class will be taught by the Cache County Sheriff's Office.

## **Sports Medicine/Exercise Science A**

## **Sports Medicine/Exercise Science B**

*Prerequisite: Biology, Human Bio or Anatomy/Physiology*

*Grade: 11-12      Subject Area: TE*

This course is designed to teach students the various components of Sports Medicine, including detailed anatomy, injury evaluation, management and rehabilitation of injury. Health careers associated with Sports Medicine will be introduced and discussed. Students will earn CPR certification. Students completing the Sports Medicine class are eligible to become student athletic trainers and may enroll in the class.

## **Aspiring Educators/TEAL 1010**

*Prerequisite: 3.0 GPA*

*Grade: 12      Subject Area: EL, USU, NHS*

After taking Teaching as a Profession, you've decided to explore being a teacher—great choice! Let's dive deeper into what makes teaching such a rewarding and impactful career. In TEAL 1010, you'll explore, through assignments, essentials like lesson design principles, assessment strategies, classroom management, and student learning. You'll also have the unique opportunity to practice teaching in a local elementary lab school, gaining hands-on experience working with students. This course is the perfect way to determine if teaching is the right path for you—and to develop skills that will set you on the path to success. Concurrent Enrollment fees apply.

## **Teaching as a Profession**

*Grade: 9-12      Subject Area: TE*

Besides a close family member, who has been the most influential person in your life? Chances are it's a coach, church leader, activity leader, or teacher. All, in one way or another, are educators! This class is your chance to explore education careers and learn the basics of teaching. You'll observe and interview experienced educators, create engaging projects, and gain valuable insights into what it takes to make a difference in students' lives. Most importantly, we'll show you why education is such a rewarding and impactful career. Whether you're curious about it or already feel it's your calling, this course will help you take the next step in discovering if education is the right path for you!



# **CAREER TECHNOLOGY**

**The Aspiring Educator Internship and the ParaPro Educator Apprenticeship will be taught at the Cache CAPS Location.**

## **Aspiring Educators Teaching Internship**

Step into the exciting world of education with the Aspiring Educators Teaching Internship! This hands-on course immerses students in the dynamic role of a teacher, offering the unique opportunity to assist in real classrooms and shape the learning experience for younger students. Participants will develop practical skills in lesson planning, classroom management, curriculum design, and innovative educational technology. From creating engaging activities to working alongside experienced teachers, you'll gain the tools and confidence to inspire and lead a classroom. Explore your passion for teaching, build leadership skills, and make a real impact in the lives of students. Whether you dream of becoming a teacher or simply want a deeper understanding of education, this course offers a rewarding and inspiring experience! \*\*\* The Aspiring Educator Internship is taught for two class periods a day at the Cache CAPS Location. The internship is paired with one of two class options. Students will either choose Option 1, Principles of Educational Instruction, or Option 2, K-12 Teaching a Profession Capstone.

## **(Option 1) Principles of Educational Instruction / USU ITLS 2500**

*Grade: 11-12      Subject Area: TE, USU, EL*

This course introduces students to a career in education through hands-on experiences. Students will build skills in teaching, classroom management, curriculum design, and educational technology. Activities include interactive lessons, field observations, internships, and collaborative projects like lesson planning and leading classroom activities with guidance from experienced educators. The course emphasizes communication, empathy, leadership, and tech integration, preparing students for the teaching profession. Concurrent Enrollment fees apply.

## **(Option 2) K-12 Teaching as a Profession Capstone**

This course is designed to prepare students with the knowledge and skills necessary to pursue industry certification as a paraprofessional. Students will learn about the role and purpose of paraprofessionals in supporting classroom instruction and fostering student success. Students will learn effective classroom management skills tailored to the role of paraprofessionals." This is the Capstone Class for the Aspiring Educators program. This class will prepare students to take the Paid Paraprofessional Educator Apprenticeship.

## **Paid Paraprofessional Educator Apprenticeship**

*Grade: 11-12      Subject Area: TE, EL*

Take the first step toward a career in education with the Paid Paraprofessional Educator Apprenticeship! This unique opportunity allows qualified high school students to gain hands-on experience while earning a paycheck. Participants will work in the Cache County School District as paraprofessionals, supporting students and teachers in classrooms, small groups, or one-on-one settings. This apprenticeship not only provides valuable real-world experience in education but also helps students explore a meaningful career path while making a difference in their community.

# CAREER TECHNOLOGY

## BRIDGERLAND TECHNICAL COLLEGE

Bridgerland Technical College (BTECH) provides an exciting opportunity for advanced vocational/technical training. The BTECH's programs feature the latest technology in each area of study with an emphasis on training to become ready to enter the job market. The programs are fast paced and challenging. Although open to students of any level, these technology classes are generally recommended for students who have completed basic courses at the high school (where offered) and are ready to move into more in-depth technology training. Except where noted in the course descriptions, BTECH classes are open entry throughout the school year and may be offered 1, 2, or 3 trimesters. **To simplify the enrollment process at BTECH, every student who is planning on taking a course from BTECH needs to complete an "Admissions Form". This form can be found on the internet by going to [btech.edu](http://btech.edu) grades 11-12.**

### **BTECH Apprentice Electrician**

This course gives students hands-on experience to prepare them for full time employment as an electrician. Students learn basic electrical concepts and their applications in electrical construction.

All classroom and lab experiences are overseen by instructors who are experienced in construction and teaching. Students will be assisted and encouraged in seeking full time employment as an electrician.

### **BTECH Apprentice Plumber**

This course gives students hands-on experience to prepare them for full time employment as a plumber. Students learn basic plumbing concepts and their applications in plumbing construction.

All classroom and lab experiences are overseen by instructors who are experienced in construction and teaching. Students will be assisted and encouraged in seeking full time employment as a plumber.

### **BTECH ASE Diesel Engine**

*Fees: \$20(fee) & \$28 for safety glasses and coveralls*

This class provides a series of courses starting with an overview of heavy-duty equipment and operating systems. Emphasis is placed on safety, common hand tools, equipment, and operation of systems. Learn diagnosis, maintenance, and repair on over-the-road trucks, construction equipment, and agriculture equipment. Choose optional 4-wheel drive repair; including repair of transmissions, transfer cases, front/rear differentials, engine overhaul, tune-up, and performance testing.

### **BTECH Auto Collision and Repair**

*Fees: \$15, Safety glasses, long sleeve coveralls, workbooks.*

This fun course provides an opportunity to repair and paint modern vehicles. Instruction and hands-on experience provide experience on panels and fenders - personal vehicles are rarely allowed. Safety, environmental protection, fundamentals of collision repair, vehicle identification, estimating systems and terminology, frontal impact analysis, mechanical systems analyses, restraints, interior, glass, side/rear impact analysis, hazardous materials, personal safety, refinish safety, and corrosion protection are covered.

# **CAREER TECHNOLOGY**

## **BTECH Automotive Introduction**

*Prerequisite: Small Engines*

*Fees: Approx. \$25*

This course starts with an overview of automobile equipment and operating systems. Emphasis is placed on safety in the auto shop, common hand tools and equipment, and the operation of various systems. Students have the opportunity to complete minor repairs and preventative maintenance procedures on their personal vehicles. As students' progress through the curriculum, they have an opportunity to learn Automotive Service Excellence (ASE) areas; including electrical systems, engine performance, manual drive trains, automatic transmissions, steering and suspension systems, brakes, and other ASE certified areas. This course is individualized and includes extensive hands-on experience. Shop work is encouraged to be done on students' personal vehicle.

## **BTECH Construction Tech**

*Fees: \$40 refundable tool rental*

**Basic Carpentry** – This course gives the student hands-on experience in the actual construction of a home. The student will be involved in all phases from planning and estimating to foundation, framing, and finishing work. All of the classroom and building experiences are conducted by instructors who are experienced in general contracting and teaching. While the primary emphasis is residential construction, certain processes found in commercial building are also covered.

## **BTECH Business Management**

*Fees: \$0-\$120 Consumable workbooks depending on subject area.*

Students enrolled in Business courses will be taught up-to-date technologies, the fundamentals of business math and Language Arts, business professionalism, and marketing practices. Take a dive into accounting, administrative services, entrepreneurship, and more. Opportunities are offered in this program to become TOSA certified in Microsoft Excel, Word, and PowerPoint. All courses taken and passed as a high school student can be transferred into the certificate-seeking program!

## **BTECH Cosmetology**

*Prerequisite: 16 years old*

*Fees: Materials approx. \$170, optional text \$80*

**This class is held at the Brigham City BTECH campus and student is responsible for own transportation.**

Students learn the “why” during Cosmetology theory classes. They learn the “how” while participating in practical demonstrations, hands-on classes, and through completion of service tasks on mannequins, live models, and customers.

## **BTECH Culinary Arts**

Love to cook? Then the Culinary Arts high school class is designed for you! Whether you currently work in a kitchen, are an experienced home cook, or have never picked up a spatula, this class allows you to explore the world of professional cooking. Our Chef Instructors will introduce you to proper food handling through class materials and hands-on kitchen experiences.

## **BTECH Dental Assisting**

*Fees: \$15-\$800 (not all due at once, supplies are purchased at the beginning of each new course)*

Students will be trained in four-handed dentistry, assisting general dental procedures, taking digital radiographs, passing instruments, pour models, infection control and sterilization techniques, take impressions, and mixing cements. A variety of general office management skills including scheduling appointments, telephone etiquette, insurance, etc. will be taught. Additionally, students may receive their Utah Oral Health and Safety Radiation Certificate.

# **CAREER TECHNOLOGY**

## **BTECH Data Analytics (Afternoon Only)**

Data Analytics prepares students with the necessary skills to become data practitioners in business, manufacturing, management, and marketing environments. Introduces students to skills such as: initiating data projects, sourcing data, transforming data, analyzing data, and presenting data.

## **BTECH Drafting & Design**

Learn the skills needed to become a drafter. Designers, architects and engineers all require entry-level and advanced drafters to help produce their drawings. Content areas include: 3D Modeling and Animation Design, 3D Parametric Solid Modeling, Architectural 3D Modeling and Rendering, Architectural Drafting, Basic Computer Aided Drafting, Technical Drafting. Sequence of course delivery will be determined in a consultation between the student and/or instructor/department head.

## **BTECH Drug Dosages and Calculations (Medication Aide) (Afternoon Only)**

*Fees: Approx. \$90 Book*

This class is strongly suggested for students who plan a career in nursing, pharmacy, or medicine. Students will learn medical math from the basics through IV dosages and calculations as well as metric conversions. This course is encouraged for Pharmacy Technician students and a prerequisite for Bridgerland's Practical Nursing Program. Students must earn 80% in the course to demonstrate competency requirements for Bridgerland programs.

## **BTECH Electronic Engineering Technology**

Electronic Engineering Technicians are in high demand; come gain valuable industry experience in our industry driven courses. Courses include: Basic Electrical Theory and Wiring, Electronics Assembly and Soldering, Electronics Fundamentals DC, Electronic Fundamentals AC, Semiconductor Devices, Digital Fundamentals, Microcontrollers 1 & 2, Drone Piloting UAV's, Mobile Robotics platforms, Plus, Electives.

## **BTECH Fashion Merchandising**

*Fees \$15 -\$20 consumable supply packet*

Students can take Fashion A, B, or C in any order.

**Fashion Merchandising A-** Learn the ins and outs of fashion promotion while working on a full-scale runway show. Students will develop the advertising and social media content, select music, style model looks, create event backdrops, etc., for the Fall BTECH Fashion Show. In addition, students will experience the world of fashion styling. They will discover how to analyze body proportions and body types and then apply the use of color and line effectively to style looks for a mock client.

**Fashion Merchandising B-** Understand the apparel and accessory industries by learning the specific terminology and construction details that make them what they are. Students will also study the heavy hitter fashion designers of the apparel industry, their inspiration, trademarks, and their impact on the industry. Next, experience the apparel development process by designing a collection on paper. Dig into the past and learn about fashion history in order to understand where fashion started, the life cycle it goes through, and where the industry is headed next. Finish up with textiles. Study fibers, construction methods, textile characteristics, dyeing techniques, and finishes in order to identify fabrics and truly understand the process of selecting textiles for apparel design and construction.

**Fashion Merchandising C-** Learn the ins and outs of fashion promotion while working on a full-scale runway show. Students will develop the advertising and social media content, select music, style model looks, and create event backdrops and décor for the Spring BTECH Fashion Show. Students will explore Visual Merchandising which offers endless opportunities to express creativity. Learn principles and elements of design, color psychology, retail fixture types and terminology, retail drafting and layout techniques, etc. Use this visual knowledge to create an effective window display, planogram and retail store layout.

# **CAREER TECHNOLOGY**

## **BTECH Heavy Equipment Operator**

*Prerequisite: Valid Driver's License*

This course is designed to provide an introduction to the heavy equipment industry and basic heavy equipment operation. Students will be instructed by trained operators that have been employed in the heavy equipment operations industry. Each student will receive hands-on experience with the available equipment.

## **BTECH Interior Design**

*Fees: \$20 Fee*

Are you a creative mind looking to develop skill in design? Learn the basics of interior design, including relevant design, furniture, and roof styles used today. You will learn how to translate your creative ideas and inspirations into 3D designs for residential and commercial spaces using software programs such as Photoshop, Illustrator, and InDesign. You will also create a brand for yourself as a future designer and build a professional portfolio from your work.

## **BTECH Machining**

*Fees: \$10-20 supplies & workbooks, Advanced Curriculum after 1<sup>st</sup> tri- \$75-128*

Do you like to create things using both your mind and your hands? Use hi-tech equipment such as lathes, mills and CNC (computer numerical control) equipment to turn and mill surfaces to precise measurements. Advanced students will develop drawings using Computer Aided Drafting (CAD) systems and then build the parts using the CNC equipment.

## **BTECH Manufacturing Principles 2**

If you enjoy working with your hands, learning how things work, tearing things apart, and putting them back together again, are willing to put in a good day's work, and are curious to know how things work, then Automation Technology is for you!

## **BTECH Meat Services**

*Fees: Knives-can rent or buy \$20-\$120*

This hands-on course prepares students to work in an entry-level meat business with excellent career opportunities and high earning potential. Students learn harvesting of beef, pork, and lamb; wholesale, retail, and custom meat cutting practices; knife care; inspection; merchandising; and public relations. This department is equipped with state-of-the-art equipment and provides an amazing environment for meat cutting training.

## **BTECH Medical Assisting (Mornings Only)**

*Prerequisite: Medical Terminology, Seniors Only*

*Fees: \$15 Supplies*

Students are prepared to become competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (learning) domains. Emphasis will be placed on the role of the Medical Assistant, professionalism, medical law and communications. Content also includes infection control, basic laboratory concepts, and administrative as well as clinical Medical Assisting Skills.

## **BTECH Medical Terminology (Mornings Only)**

*Fees: Approx. \$70 book*

This class enables students to understand the language of medicine, which is based in Greek and Latin. Students learn the terminology used in medical coding, medical assisting, nursing assisting, nursing, physical therapy, and all other health-related fields. This is a prerequisite for the Medical Assisting program and a pre-admission course for the Practical Nursing program at Bridgerland Technical College. This course is strongly recommended for students who plan to pursue a healthcare career (Students must earn 80 percent or higher in the course to demonstrate competency requirements for BTECH programs.)

# **CAREER TECHNOLOGY**

## **BTECH Nursing Assistant (CNA) (Mornings Only)**

*Prerequisite: Must be 16 (preference given to seniors)*

*Fees: Approx. \$140-\$260 (includes fees/supplies that are optional)*

Students learn basic nursing assistant skills needed to work in a hospital, nursing home, or home health agency. Students prepare to take the Certified Nursing Assistant state certification exam for state certification. The exam is optional and can be taken up to one year after course completion. Students must have a reading level high enough to enable them to pass the class and take the state certification exam if they choose. Federal and State regulations mandate that students seeking certification must pass all course exams with 75 percent or higher. A 24-hour externship in a nursing home is a course requirement and 100 hours of training is required to receive certification. Attendance policies are rigidly enforced. Students must provide their own transportation to clinical facilities. Recommended for the Practical Nursing program and required for most nursing programs.

## **BTECH Pharmacy Technician A (Mornings Only)**

*Prerequisite: Seniors Only*

*Fees: \$60 (One-time fee for school year)*

Courses cover State and Federal law for pharmacy, key concepts in the workplace, terminology, calculations, prescriptions and prescription labels, routes and formulations, non-sterile compounding, basic biopharmaceutics, as well as common drugs and their uses. A special emphasis is placed on retail pharmacy settings. Hands-on lab skills used in pharmacy will be taught in conjunction with key concepts. **Students must enroll for three trimesters.**

## **BTECH Real Estate (Mornings Only)**

New Real Estate home ownership epitomizes the "American Dream," and buying a home is the biggest investment most people make in their lifetime. Students enrolled in this course will be introduced to understanding the sales/marketing process, investing in real estate, and the many steps in buying and selling a home. The focus of the course also includes financing sources, customer relations, the use of advertising and the media, and careers in real estate.

## **BTECH Veterinary Assistant (Afternoon only, 3 tri's)**

*Prerequisite: Juniors or Seniors Only*

*Fees: \$67-\$133 Dissection kit, stethoscope, scrubs, etc. \$25 Lab Supplies (per trimester)*

Learn animal nursing, emergency care, veterinary terminology and anatomy. Introduces skills needed to keep animals healthy as well as how to take care of them when they are ill. Skills include: obtaining animal health histories and records, providing specialized nursing care under the direction of a veterinarian, assisting in surgical procedures, washing, feeding, and caring for animals, understanding animal communication, behavior, and training.

## **BTECH Welding Technology**

*Fees: Supplies and workbooks approx. \$30-\$80*

Offers basic welding training in seven major welding processes. Learn entry-level skills for production and industrial employment. Blueprint reading, welding inspection, basic metallurgy, layout, and fabrication skills are taught with hands-on welding. Basic courses are offered every trimester.

## **BTECH Wildland Firefighter (2<sup>nd</sup> tri & Mornings Only)**

*Prerequisite: Junior and Senior Only*

*Fees: \$10 plus \$20 books/supplies*

Enjoy the outdoors? Wildland fire fighters make good money. Travel the nation exploring very remote areas while maintaining a high level of fitness, adrenaline rush, and protecting people and their property. Learn how to weather, topography, and other factors influence fire behavior. Wildland fire experience and knowledge is beneficial to those interested in pursuing careers in fire management, wildlife management, field biology, ecology, forestry, or range management. If student is or will be 18 years old within 1 year of finishing this course, they may certify as a Wildland Firefighter. In order to certify, they will have to pass a fitness test (walk 3 miles in 45 min with a 45lb pack on).

# **CAREER TECHNOLOGY**

## **Summer BTECH Classes**

Summer BTECH offers students a variety of tuition-free programs from 8am until noon during the summer months. Students should see their counselors to register for summer credit.

## **ELECTIVES**

### **Ambassadors**

*Prerequisite: 3.0 GPA, 90% attendance, application, observation activity, selected by judges*

*Grade: 12      Subject Area: EL*

The Ambassadors Organization is a leadership group that focuses on service in the school and the community. Twelve students will be chosen and expect to devote their senior year to bettering the school and the experience for others.

### **Athletic Training A**

### **Athletic Training B**

### **Athletic Training C**

*Prerequisite: Teacher Approval, Exercise Science or Anat/Phys*

*Grade: 11-12      Subject Area: EL*

This course trains students to assist in the athletic training program at Green Canyon. Students are expected to attend various practices and athletic contests at Green Canyon and occasionally at games away from Green Canyon. Enrollment is very limited and requires prior approval of the teacher. Students should expect to spend time working with the athletic training program after school.

### **Freshmen Mentors A** (mandatory 1st tri)

### **Freshmen Mentors C** (optional for 3rd tri)

*Prerequisite: Application and a desire to serve/mentor the freshman class)*

*Grade: 11-12      Subject Area: EL*

Seniors and Juniors partner with teachers to interact once a week with an assigned group of freshmen. The interactions center on activities and lessons to improve morale and promote leadership. The lessons are designed around topics called "Habitudes" which are themes focused on habits and attitudes of good leaders and building educational and social skills. This is a great opportunity to serve others. Students must commit to 2-day summer retreat, Wolfpack Academy Day, and occasional meetings.

### **Latinos In Action A**

### **Latinos In Action B**

### **Latinos In Action C**

*Prerequisite: 2.0 GPA*

*1st/2nd Trimester Only*

*Grade: 10-12      Subject Area: EL*

Latinos in Action is a 3-trimester class designed to empower diverse students to be college and career ready through culture, service, leadership, and excellence in education. Part of class time is reserved for elementary tutoring and students must complete a minimum of out of school community service hours. Students are encouraged to gain self-confidence, develop a desire to excel in academics, and pursue higher education or career interests and skills. Students have the opportunity to run for class presidency positions. Students must retain a GPA of 2.5 or higher and have 85% or higher attendance.

# **ELECTIVES**

## **Life, College, Career/USU 1045**

*Grade: 10-12      Subject Area: USU*

This introductory course focuses on developing academic skills, and behaviors for implementation in and out of class. Students will explore career pathways and resources available at the post-secondary level to contribute to their success. Habits of Mind such as time management, planning, reading, writing, communication, resilience, metacognition, and other skills needed to be successful within the context of college and other professional environments will be discussed and developed.

## **Peer Tutor 1**

*Grade: 9-12      Subject Area: EL*

This course is for all students who want to have a rewarding and memorable experience while assisting students with disabilities in reading, writing, math, and social skills. Peer Tutors will learn tutoring and mentoring skills while assisting students in the special education classroom and in regular education classrooms. Students will also complete a range of hands on assignments that help them gain knowledge and a greater understanding about the world of disabilities.

## **Peer Tutor Concurrent 1000**

*Prerequisite: Peer Tutor 1 and Peer Tutor 2*

*Grade: 11-12      Subject Area: EL*

This course is for all students who want to learn a systematic tutoring and mentoring process while working with students with disabilities in reading, writing, math, and social skills may have the option to earn 2 USU credits as a Concurrent Enrollment class.

## **Release Time A**

## **Release Time B**

(No Credit)

Release time to attend religious instruction.

## **Student Leadership Class**

*Prerequisite: 3.0 GPA, 90% Attendance, No more than 10 tardies in a tri, election required*

*Grade: 11-12      Subject Area: EL*

The student leadership class is for elected and appointed officers; the class provides time for those students to plan and organize activities as well as develop leadership skills. Students will work together in their elected positions and in organized committees to run the student organizations of the school and to provide service to the school and student body in a variety of capacities. In addition, students will have opportunities to discuss and develop leadership traits and characteristics in conjunction with advisors and school administration.

**Exec A**

**Exec B**

**Exec C**

**Freshmen Class**

**Junior Class**

**Sophomore Class**

**Senior Class**

## **Teacher/Aide**

*Prerequisite: 2.5 cumulative (or previous tri) GPA, 90% attendance*

*Grade: 12 or 3rd tri Jr.      Subject Area: EL*

Students enrolled in this course will assist Office Staff, or Teachers in various tasks and assignments. Students will be expected to be on time, be professional, honest and show respect for others, self and school property. Students will also be required to complete a resume, a research paper on FERPA, a service project and a type test. Final grade will be either Pass/Fail or D.



# **ELECTIVES**

## **Yearbook A**

## **Yearbook B**

## **Yearbook C**

*Prerequisite: Application and Teacher Approval*

*Grade: 10-12      Subject Area: TE*

If you love photography and the fun of taking good pictures then this is the class for you. This class creates the "Howl", Green Canyon's Yearbook. Students should be self-motivated and willing to work extra hours to meet deadlines and due dates. Staff members will develop skills in yearbook copy writing, editing, artistic layout/ design and leadership while using state of the art desktop publishing software. "Everything we need to know in life, we learned in Yearbook." Come join us and become a "Yerd".

# 4 YEAR PLAN

## GRADUATION REQUIREMENTS

### **4.0 LANGUAGE ARTS**

1.0 LANGUAGE ARTS 9  
1.0 LANGUAGE ARTS 10  
1.0 LANGUAGE ARTS 11  
1.0 LANGUAGE ARTS  
ELECTIVE

### **3.0 MATH**

1.0 SECONDARY MATH 1  
1.0 SECONDARY MATH 2  
1.0 SECONDARY MATH 3,  
OR ALTERNATE

### **3.0 SCIENCE**

2.0 CORE (BIOLOGY, CHEMISTRY, AP  
COMP. SCIENCE, OR PHYSICS)  
1.0 APPLIED, ADVANCED, OR CORE

### **3.5 SOCIAL STUDIES**

.5 GEOGRAPHY  
.5 WORLD CIVILIZATIONS  
1.0 US HISTORY  
.5 GOVERNMENT  
.5 FINANCIAL LITERACY  
.5 SOCIAL STUDIES ELECTIVE

### **1.5 FINE ARTS**

1.5 PERFORMING/VISUAL ART

### **1.5 CTE/DIGITAL STUDIES**

1.0 CAREER AND TECH ED.  
.5 DIGITAL STUDIES

### **2.0 PE/HEALTH**

.5 HEALTH  
1.0 "FITNESS" TITLED COURSE  
.5 INDIVIDUAL LIFETIME ACTIVITIES

**\*7.5 REQUIRED ELECTIVES**

**\*26 TOTAL CREDIT HOURS**

9 <sup>TH</sup> GRADE	10 <sup>TH</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE
LANGUAGE ARTS 9 A	LANGUAGE ARTS 10 A	LANGUAGE ARTS 11 A	LANGUAGE ARTS
LANGUAGE ARTS 9 B	LANGUAGE ARTS 10 B	LANGUAGE ARTS 11 B	LANGUAGE ARTS
SECONDARY MATH	SECONDARY MATH	SECONDARY MATH	US GOVERNMENT
SECONDARY MATH	SECONDARY MATH	SECONDARY MATH	FINANCIAL LIT
SECONDARY MATH	SECONDARY MATH	SCIENCE	
SCIENCE	SCIENCE	SCIENCE	
SCIENCE	SCIENCE	US HISTORY	
GEOGRAPHY	DIGITAL STUDIES	US HISTORY	
FITNESS FOR LIFE	WORLD CIVILIZATION	ART	
HEALTH	PARTICIPATION SKILLS	IND LIFETIME ACTIVITIES	
WOLFPACK ACADEMY	ART		
ART	CTE		
CTE			

\*EACH BOX REPRESENTS 1 TRIMESTER COURSE AT GREEN CANYON. YOU WILL TAKE 5 CLASSES PER TRIMESTER -15 CLASSES PER YEAR.