



Registration Course Guidebook 2023-2024

Course Description and Registration Information Booklet

Table of Contents

<i>Legal Statements</i>	4
<i>Ridgeline GRADUATION PATH</i>	5
<i>Utah High School to College and Career PATHWAYS</i>	6
<i>PLANNING HIGH SCHOOL COURSEWORK TO SUPPORT POST-HIGH SCHOOL PLAN</i>	11
<i>RECOMMENDATIONS FOR TECHNICAL TRAINING</i>	11
<i>RECOMMENDATIONS FOR COLLEGE BOUND STUDENTS</i>	11
<i>CONCURRENT ENROLLMENT</i>	18
<i>OPPORTUNITY SCHOLARSHIP</i>	19
<i>COLLEGE ENTRANCE EXAM PREPARATION</i>	19
<i>CREDIT RECOVERY OPTIONS</i>	20
<i>ONLINE LEARNING OPTIONS</i>	21
<i>COURSE GRADE FORGIVENESS</i>	21
<i>ELECTIVES</i>	21
<i>FINANCE</i>	22
<i>FINE ARTS</i>	23
<i>WORLD LANGUAGES</i>	28
<i>HEALTHY LIFESTYLES</i>	31
<i>LANGUAGE ARTS</i>	34
<i>MATHEMATICS</i>	38
<i>RELEASED TIME</i>	41
<i>SCIENCE</i>	41
<i>SOCIAL STUDIES</i>	45
<i>TECHNICAL</i>	48
<i>AGRICULTURAL SCIENCE</i>	48
<i>BUSINESS, MARKETING, and INFORMATION TECHNOLOGY</i>	50
<i>DRAFTING</i>	52
<i>EDUCATION</i>	53
<i>AVIATION, ENGINEERING, AND STEM</i>	53
<i>FAMILY AND CONSUMER SCIENCE</i>	54
<i>HEALTH SCIENCES/MEDICAL</i>	56
<i>PHOTO/VIDEO/ART</i>	57
<i>WOODS</i>	57
<i>WORK-BASED LEARNING</i>	58
<i>OFF-CAMPUS VOCATIONAL</i>	58
<i>COSMETOLOGY</i>	59

Legal Statements

Equal Education and Employment Opportunity

It is the policy of the Cache County School District to provide equal education and employment opportunities for all individuals. Therefore, the District prohibits all discrimination on the basis of race, color, religion, sex, age, national origin, disability or veteran status. This policy extends to all aspects of the District's educational programs, as well as the use of all District facilities, and participation in all District-sponsored activities.

Civil Rights/Section 504 Grievance Procedure Local Procedure

Step 1: A written grievance signed by the complainant shall be submitted to the appropriate Coordinator. The Coordinator shall further investigate the matter of grievance and reply in writing to the complainant within 10 business days.

Step 2: If the complainant wishes to appeal the decision of the Coordinator, she/he may submit a signed statement of appeal to the Superintendent of Schools within 10 business days after receipt of the Coordinator's response. The Superintendent shall meet with all parties involved, formulate a conclusion, and respond in writing to the complainant within 10 business days.

Step 3: If the complainant is not satisfied, she/he may appeal through a signed statement to the Cache County School Board of Education within 10 business days of her/his receipt of the Superintendent's response in step 2. In an attempt to resolve the grievance, the board will meet with the concerned parties and their representative within 40 days of such an appeal. A copy of the Board's disposition of the appeal shall be sent to each party within 10 business days of this meeting.

Public Education Online (PEO)

Eligible students in ninth through twelfth grades have the option to take high school credits online as part of their regular schedule. Online courses combined with regular classes may not exceed the number of courses taken during a regular school day. These courses are at no cost to the student and are funded by withholding state funding from your school/district. Courses may charge class fees that are the responsibility of the student. Fee waivers are available to eligible students. Parents assume the responsibility for students during the release time from the school day. To begin this process a Course Credit Acknowledgement (CCA) form must be prepared by your counselor and submitted to the Utah State Office of Education. This form, courses, and a description of the application process can be found at the link below. State of Utah www.schools.utah.gov/edonline

FAQs can be found at the Cache County School website: <https://www.ccsdut.org/Page/7053>

GENERAL REGISTRATION INFORMATION AND THE STUDENT EDUCATIONAL OCCUPATIONAL PLAN FOR COLLEGE AND CAREER READINESS

Current Utah State laws require all secondary students to have a Plan for College and Career Readiness (PCCR). The PCCR is jointly developed by the student, a parent, and an educator. Registration for classes should be guided by the PCCR; in other words, a student registers for classes that will assist the student in achieving the goals identified in the PCCR. State laws and district policies establish graduation standards, and the PCCR should include those classes required by law/policy. Still, there are many opportunities for students to register for elective courses that lead toward the educational/occupational goals stated in the PCCR. Students are responsible to register for appropriate grade level courses and to check for prerequisites and graduation requirements. Students planning on post high school training should also check education requirements for entrance into colleges, vocational training centers, and apprenticeships. The staff will be available to help students through the registration process.

Please follow these instructions for a successful registration:

1. Review graduation requirements on the appropriate Graduation Paths page that follows, compare your individual PCCR, and examine your course progress, assuring that required classes are taken.
2. Choose elective classes in support of your PCCR. Students planning post high school education must meet the additional requirements for admission. The elective courses should be used to meet those additional requirements.
3. Study the course description booklet and select appropriate classes. Refer to the courses you selected on the 4-Year Educational Plan or your most current PCCR.

Ridgeline GRADUATION PATH:

For students graduating in 2022 and beyond

REQUIREMENT	BREAKDOWN	APPLIED OR ADVANCED
Language Arts (4 credits)	English 9 English 10 Writing English 10 Literature English 11 Writing English 11 Literature <i>and</i> 1.0 credit - additional applied or advanced courses	Humanities, Journalism, AP English, Newspaper, Creative Writing, English 1010, English 2200, Debate, Business Communications, Sports Literature, and Novels and Short Stories and English 12 Writing, Mythology, Film History and Analysis, Yearbook
Social Studies (3 credits)	.5 credit - Geography .5 credit – Ancient World, Modern World, or AP European History 1.0 credit - US Studies or AP American History .5 credit - American Government, AP US Government & Politics, or POLS 1100 .5 credit - Social Studies Elective Plus, students must pass Utah's required civics test	
Math (3 credits)	Secondary Math 1, 2 and 3 Successful completion of Calculus meets all Math graduation requirements regardless of credits earned.	Pre-calculus, Math 1050, Math 1060, AP Calculus, AP Statistics, Accounting I, Accounting 2, Accounting 1050, Computer Programming 1, Computer Programming 2, Math of Personal Finance, Stat 1040, Intro to Data Science
Science (3 credits)	2.0 credits - one each from two of the four Science areas; Biology, Ag. Biology, Chemistry, Physics, Computer Science 1.0 credit - additional applied, foundation or advanced	Animal Science, Astronomy, Medical Anatomy/Physiology, Botany, AP Environmental Science, Environmental Science, Biology 1010, Chemistry 1010
Healthy Life Styles (2 credits)	.5 credit - Health .5 credit Fitness for Life .5 credit - Core .5 credit - other PE classes	
Fine Arts (1.5 credits)	1.5 credit - Any Fine Arts class	
Technical (1.5 credits)	.5 credit - Digital Studies (Business Office Specialist, Computer Programming, Computer Science Principles or Web Development) and 1.0 credit - any Technical class	
Financial Literacy (.5 credit)	Financial Literacy, FCSE 1350 or Ind & Family Rel/Personal and Family Finance	
Elective (7.5 credits)	Other classes in support of your PCCR	

CREDITS FROM REQUIRED CLASSES: 18.5

CREDITS FROM ELECTIVES: 7.5

CREDITS REQUIRED FOR GRADUATION: 26

Utah High School to College and Career PATHWAYS



What are CTE Pathways?

CTE Pathways, within eight Areas of Study, are rigorous programs of study to assure strong academic and technical preparation providing students with critical learning and hands-on skills. Students who focus on a Pathway acquire the skills necessary for entry into well-paid careers with high potential for rapid financial growth, increased levels of responsibility, and a high degree of personal satisfaction.

Why complete a CTE Pathway?

- Earn a pathway certificate that looks great on resumes and applications
- Jump-start your career!

Interested in completing a pathway? Sign up for required classes at registration and talk to your counselor!

Agricultural Mechanics Systems



Agricultural Mechanics Systems:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Advanced Ag Mechanics (.5)
- o Ag Systems Tech 2A & 2B (1.0)

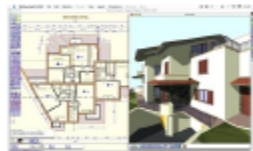
Elective Courses (2.0 credits)

- o Biology - Ag Sci A & B (1.0)
- o Ag Systems Tech 1 (1.0)
- o Ag Science 1A & 1B (1.0)
- o Business Communication (.5)
- o CTE Internship (.5)

RLHS 22-23



Architectural Design (CAD)



Architectural Design (CAD):
Classes that are required to finish this CTE Pathway.

Required Courses

- o CAD Architectural Design (.5)
- o BTECH Drafting (1.0)

Elective Courses (2.0 credits)

- o Intro to Construction Trades (1.0)
- o BTECH Building Tech (1.0)
- o CTE Internship (.5)

RLHS 22-23



Animal & Veterinary Science



Animal & Veterinary Science:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Veterinary Assist. A & B (1.0)
- o BTECH - Vet Assist. (1.0) OR
- o CTE Internship (.5)

Elective Courses (1.0 credit)

- o Biology - Ag Sci A & B (1.0)
- o Ag Science 1A & 1B (1.0)
- o Animal Science A & B (1.0)
- o Business Communication (.5)
- o Equine Science (.5)

RLHS 22-23



Construction & Structural Systems



Construction & Structural Systems:
Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH Building Technology (2.0)
- **All 3.0 credits may be completed at BTECH

Elective Courses (1.0 credit)

- o Intro to Construction Trades (1.0)
- o CAD Architectural Design (.5)
- o Woods 1 (.5)
- o Woods 3 (.5)
- o CTE Internship (.5)

RLHS 22-23



Food Science, Dietetics & Nutrition



Food Science, Dietetics & Nutrition:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Dietetics & Nutrition 1 (.5)
- o Nutrition 1020 (.5)

Elective Courses (2.0 credits)

- o HDFS 1500/Human Dev. (.5)
- o Med Anatomy & Phys A (.5)
- o Med Anatomy & Phys B (.5)
- o CTE Internship (.5)

RLHS 22-23



Interior Design



Interior Design:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Interior Design 1 (.5)
- o BTECH Interior Design (1.0)

Elective Courses (1.5 credits)

- o Business Communication (.5)
- o CAD Architectural Design (.5)
- o Marketing 1 (.5)
- o BTECH Media Design (1.0)
- o CTE Internship (.5)

RLHS 22-23



Plant Science



Plant Science:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Floriculture (.5)
- o Floriculture, Advanced (.5)

Elective Courses (1.5 credits)

- o Biology - Ag Sci A & B (1.0)
- o Ag Science 1A & 1B (1.0)
- o Business Communication (.5)
- o Plant Science A (.5) OR
- o Plant Science 1800
- o CTE Internship (.5)

RLHS 22-23



Broadcasting & Digital Media



Broadcasting & Digital Media:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Video/Tech Production A (.5)
- o Video/Tech Production 2 (.5)

Elective Courses (2.0 credits)

- o Computer Programming 1 (.5)
- o Computer Science Principles (.5)
- o Web Development 1 (.5)
- o BTECH Media Design (.5)
- o CTE Internship (.5)

RLHS 22-23



Fashion, Apparel & Textiles



Fashion, Apparel & Textiles:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Fashion Design Studio (.5)
- o Sewing Const. & Textiles 2 (.5)

Elective Courses (2.0 credits)

- o Sewing Const. & Textiles 1 (.5)
- o BTECH Fashion Merch. (1.0)
- o BTECH Media Design (1.0)
- o CTE Internship (.5)

RLHS 22-23



Graphic Design & Communication



Graphic Design & Communication:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Commercial Photo 1 (.5)
- o Commercial Photo 2 (.5)

Elective Courses (2.0 credits)

- o BTECH Media Design (1.5)
- o CTE Internship (.5)

RLHS 22-23



Accounting & Finance



Accounting & Finance:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Accounting 1 OR BUSN 1111 (.5)
- o Accounting 2 OR BUSN 2800 (.5)

Elective Courses (2.0 credits)

- o Business Communication (.5)
- o Business Law (.5)
- o FCSE 1350 Fin. Literacy (.5)
- o Econ 1500 (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Mktg (.5)
- o Web Development 1 (.5)
- o CTE Internship (.5)

RLHS 22-23



Business Information Management



Business Info. Management:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Business Office Specialist (.5)

Elective Courses (2.5 credits)

- o Accounting 1 OR BUSN 1111 (.5)
- o Business Communication (.5)
- o Business Law (.5)
- o FCSE 1350 Fin. Literacy (.5)
- o Econ 1500 (.5)
- o Entrepreneurship (.5)
- o IT Academy -- (BTECH Intro to Info Tech) (1.0)
- o Web Development 1 (.5)
- o BTECH Media Design (1.0)
- o CTE Internship (.5)

RLHS 22-23



Marketing



Marketing:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Marketing 1 (.5)
- o Sports & Entertainment Mktg (.5)

Elective Courses (2.0 credits)

- o Accounting 1 OR BUSN 1111 (.5)
- o Business Communication (.5)
- o Business Law (.5)
- o FCSE 1350 Fin. Literacy (.5)
- o Econ 1500 (.5)
- o Entrepreneurship (.5)
- o Web Development 1 (.5)
- o BTECH Media Design (1.0)
- o CTE Internship (.5)

RLHS 22-23



Web Development



Web Development:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Web Development 1 (.5)
- o BTECH -Web & Mobile Dev (1.0)

Elective Courses (1.5 credits)

- o Computer Science Principles (.5)
- o Entrepreneurship (.5)
- o IT STEM Academy -- (BTECH Intro to Info Tech) (1.0-2.0)
- o BTECH Media Design
- o CTE Internship (.5)

RLHS 22-23



Cybersecurity



Cybersecurity:
Classes that are required to finish this CTE Pathway.

Required Courses

- o IT STEM Academy -- (BTECH Intro to Info Tech) (1.0-2.0)

Elective Courses (1.0-2.0 credits)

- o Computer Program. 1 (.5)
- o Computer Sci. Principles (.5)
- o Web Development 1 (.5)
- o CTE Internship (.5)

RLHS 22-23



Information Technology Systems



Information Technology Systems:
Classes that are required to finish this CTE Pathway.

Required Courses

- o IT STEM Academy -- (BTECH Intro to Info Tech) (1.0-2.0)

Elective Courses (1.0-2.0 credits)

- o Computer Program. 1 (.5)
- o Computer Sci. Principles (.5)
- o Robotics 1 (.5)
- o Web Development 1 (.5)
- o CTE Internship (.5)

RLHS 22-23



Programming & Software Development



Programming & Software Dev.: Classes that are required to finish this CTE Pathway.

Required Courses

- o Computer Programming 1 (.5)
- o Computer Programming 2 (.5) *OR*
- o USU CSI400 Intro to Comp Sci (.5)

Elective Courses (2.0 credits)

- o Comp. Sci. Principles/CS 1030 (.5)
- o IT STEM Academy -- (BTECH Intro to Info Tech) (1.0-2.0)
- o Robotics (.5)
- o BTECH Web & Mobile Dev. (1.0)
- o CTE Internship (.5)

RUHS 22-23



Family & Human Services



Family & Human Services: Classes that are required to finish this CTE Pathway.

Required Courses

- o Indiv. & Family Relationships (.5)
- OR* HDFS 2400/ Indiv. & Family Rel (.5)
- o Personal & Family Finance (.5)

Elective Courses (2.0 credits)

- o Intro to Health Science (.5)
- o HDFS 1500/Human Dev. (.5)
- o CTE Internship (.5)

RUHS 22-23



Pre-K: Early Childhood Education



Pre-K: Early Childhood Education: Classes that are required to finish this CTE Pathway.

Required Courses

- o Child Development (.5)
- o Early Childhood Education (.5)
- o CTE Internship (.5)

Elective Courses (1.5 credits)

- o Food & Nutrition 1 (.5)
- o HDFS 1500/Human Dev. (.5)
- o Nutrition 1020 (.5)

RUHS 22-23



Mechanical Design (CAD)



Mechanical Design (CAD): Classes that are required to finish this CTE Pathway.

Required Courses

- o CAD Mechanical Design 1 (.5)
- o CAD Mechanical Design 2 (.5)

Elective Courses (2.0 credits)

- o Ag Systems Tech 2B (.5)
- o AM/Robotics STEM Academy (1.0)
- o Woods 1 (.5)
- o BTECH - Drafting (1.0)
- o BTECH Machine Tool (1.0)
- o BTECH Welding (1.0)
- o CTE Internship (.5)

RUHS 22-23



Engineering



Engineering: Classes that are required to finish this CTE Pathway.

Required Courses

- o AM/Robotics STEM Academy (1.0)

Elective Courses (2.0 credits)

- o CAD Mechanical Design 1 (.5)
- o CAD Mechanical Design 2 (.5)
- o Ag Systems Tech 2B (.5)
- o Robotics 1 (.5)
- o Woods 1 (.5)
- o BTECH Machine Tool (1.0)
- o BTECH Welding (1.0)
- o CTE Internship (.5)

RUHS 22-23



Advanced Health Science



Advanced Health Science: Classes that are required to finish this CTE Pathway.

Required Courses

- o WSU Adv. Health Sci A 1110 (.5)
- o WSU Adv. Health Sci B 1111 (.5)
- o WSU Adv. Health Sci C 1111 (.5)

Elective Courses (1.0 credit)

- o Intro to Health Science (.5)
- o Med Anatomy & Physiology A (.5)
- o Med Anatomy & Physiology B (.5)
- o Medical Terminology (.5)
- o Exercise Science A & B (1.0)

RUHS 22-23



Dental Assistant



Dental Assistant: Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH - Dental Assist (1.0)
- **All 3.0 credits may be completed at BTECH**

Elective Courses (2.0 credits)

- o Intro to Health Science (.5)
- o USU HDFS 1500/Human Dev. (.5)
- o Intro to EMS (.5)
- o Med Anatomy & Physiology A (.5)
- o Med Anatomy & Physiology B (.5)
- o Medical Terminology (.5)
- o WSU Adv. Health Sci A 1110 (.5)
- o WSU Adv. Health Sci B 1111 (.5)
- o WSU Adv. Health Sci C 1111 (.5)
- o CTE Internship (.5)

RUHS 22-23



Medical Assistant



Medical Assistant: Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH Medical Assistant (1.0)

Elective Courses (2.0 credits)

- o Intro to Health Science (.5)
- o USU HDFS 1500/Human Dev. (.5)
- o Intro to EMS (.5)
- o Med Anatomy & Physiology A (.5)
- o Med Anatomy & Physiology B (.5)
- o Medical Terminology (.5)
- o WSU Adv. Health Sci A 1110 (.5)
- o WSU Adv. Health Sci B 1111 (.5)
- o WSU Adv. Health Sci C 1111 (.5)
- o CTE Internship (.5)

RUHS 22-23



Nurse Assistant (CNA)



Nurse Assistant (CNA):
Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH Nurse Assistant (1.0)

Elective Courses (2.0 credits)

- o Intro to Health Science (.5)
- o USU HDFS 1500/Human Dev. (.5)
- o Intro to EMS (.5)
- o Med Anatomy & Physiology A (.5)
- o Med Anatomy & Physiology B (.5)
- o Medical Terminology (.5)
- o WSU Adv. Health Sci A 1110 (.5)
- o WSU Adv. Health Sci B 1111 (.5)
- o WSU Adv. Health Sci C 1111 (.5)
- o CTE Internship (.5)

RLHS 22-23



Pharmacy Technician



Pharmacy Technician:
Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH - Pharmacy Tech (1.0)

Elective Courses (2.0 credits)

- o Intro to Health Science (.5)
- o Intro to EMS (.5)
- o Med Anatomy & Physiology A (.5)
- o Med Anatomy & Physiology B (.5)
- o Medical Terminology (.5)
- o WSU Adv. Health Sci A 1110 (.5)
- o WSU Adv. Health Sci B 1111 (.5)
- o WSU Adv. Health Sci C 1111 (.5)
- o CTE Internship (.5)

RLHS 22-23



Exercise Science/ Sports Medicine



Exercise Science/Sports Medicine:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Exercise Science A & B (1.0)

Elective Courses (2.0 credits)

- o Intro to Health Science (.5)
- o USU HDFS 1500/Human Dev. (.5)
- o Intro to EMS (.5)
- o Med Anatomy & Physiology A (.5)
- o Med Anatomy & Physiology B (.5)
- o Medical Terminology (.5)
- o WSU Adv. Health Sci A 1110 (.5)
- o WSU Adv. Health Sci B 1111 (.5)
- o WSU Adv. Health Sci C 1111 (.5)
- o CTE Internship (.5)

RLHS 22-23



Culinary Arts



Culinary Arts:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Dietetics & Nutrition 1 (.5)
- o BTECH Culinary Arts (1.0)

Elective Courses (1.5 credits)

- o Food & Nutrition 1 (.5)
- o Nutrition 1020 (.5)
- o CTE Internship (.5)

RLHS 22-23



Personal Care Services (Cosmetology)



Personal Care Services:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Cosmetology (2.0)
- **All 3.0 credits may be completed with this course

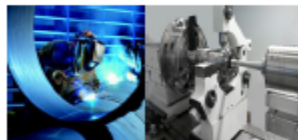
Elective Courses (1.0 credit)

- o Accounting 1 OR BUSN 1111 (.5)
- o FCSE1350 Fin. Literacy (.5)
- o CTE Internship (.5)

RLHS 22-23



Welding & Machining



Welding & Machining:
Classes that are required to finish this CTE Pathway.

Required Courses

- o Ag Systems 1B & 2B (1.0)
(must take both)
 - o BTECH Welding Tech (1.0)**
- **All 3.0 credits may be completed at BTECH

Elective Courses (1.0 credit)

- o Advanced Ag Mechanics (.5)
- o BTECH Machine Tool (1.0)
- o CTE Internship (.5)

RLHS 22-23



Automotive



Automotive:
Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH Auto Service Tech (1.0)**
- **All 3.0 credits may be completed at BTECH

Elective Courses (2.0 credits)

- o Ag Systems 1B & 2B (1.0)
(must take both)
- o Electronics 1 (.5)
- o BTECH Auto Collision Repair (1.0)
- o BTECH Machine Tool (1.0)
- o BTECH Welding Tech (1.0)
- o CTE Internship (.5)

RLHS 22-23



Diesel



Diesel:
Classes that are required to finish this CTE Pathway.

Required Courses

- o BTECH - Diesel (1.0)**
- **All 3.0 credits may be completed at BTECH

Elective Courses (2.0 credits)

- o Ag Systems 1B & 2B (1.0)
(must take both)
- o Electronics 1 (.5)
- o BTECH Auto Service Tech (1.0)
- o BTECH Machine Tool (1.0)
- o BTECH Welding Tech (1.0)
- o CTE Internship (.5)

RLHS 22-23



PLANNING HIGH SCHOOL COURSEWORK TO SUPPORT POST-HIGH SCHOOL PLAN

One of the major purposes of a high school education is to prepare for further educational training, either at a college/university or at a technical training center. Many of those advanced training schools require high school course work beyond that required for a high school diploma. Students planning on advanced training after high school should make sure they have not only met graduation requirements, but have also met the increased requirements of their post-high school training institution. This is particularly true for student athletes who must fulfill NCAA requirements that are far beyond graduation requirements.

RECOMMENDATIONS FOR TECHNICAL TRAINING

We are fortunate to have a number of technical training centers in or near Cache Valley. Bridgerland Technology College, Utah State University, Weber State University, and Stevens-Henager Business College are just a few schools where advanced technical training can be received. Regardless of where the technical training is to be received, most technical schools expect that entering students have good academic preparation, with at least the minimum levels of course work as follows:

Math: Math 3 proficiency or above

English: 4 credits minimum, with strong need for speech and writing skills

Science: 3 credits recommended (Life, Physical, and Elective recommended)

Technology: RHS offers a wide variety of computer/technology courses. Students should select from the courses that relate to the student's chosen area of future study.

TECHNICAL CLASSES AT BTECH

Bridgerland Technology College offers most of its courses to high school students. Students may enroll in these courses tuition free. Transportation to and from Bridgerland is provided from RHS. Classes are available all hours of the day, and are offered in two blocks of time: 1st and FLEX periods, or 4th and 5th periods. In order to register for a BTECH class, a student must be a junior or senior. Students should pre-register for BTECH courses at <http://btech.edu/hs-reg/> or see their counselor. FRESHMEN AND SOPHOMORES MAY NOT ENROLL IN BTECH COURSES except for some summer courses.

RECOMMENDATIONS FOR COLLEGE BOUND STUDENTS

Colleges and universities require solid academic training of all admitted students. Utah colleges and universities recommend that, in addition, to meeting graduation requirements, enrolling freshmen will have completed the following minimum courses:

- Four years of English, including 4th year writing
- Four years of Math (one college level course)
- Three years of Science (Life, Physical, and Elective)
- Two years of a Foreign Language

Through Concurrent Enrollment (CE) courses and Advanced Placement (AP) courses, students are provided many courses which satisfy not only high school class requirements, but which also can qualify for college/university credits. Students planning for college/university training should consider CE and AP courses in line with their Plan for College and Career Readiness (PCCR). These courses are a fraction of the cost when taken in high school.

College & Career Pathways: During High School



What will help prepare students for their future while still in high school?

Utah's goal is for all students to graduate from high school prepared for college, careers and life, and to pursue the future of their choosing. By 2025, nearly two out of three jobs in the nation (65%) will require some post-secondary education or training.¹ Most students will need to earn a postsecondary credential in order to achieve a family-sustaining wage in today's economy.²

Take some time to check out these program pathways.

Cache County School District high schools have many opportunities for students to explore interests, aptitudes, and to enroll in post-secondary advanced coursework. Students can choose from Advanced Placement (AP), Concurrent Enrollment (CE), Career and Technical Education (CTE), and work-based learning. Students can pick a combination of AP, CE, and CTE courses offered that best suit their needs and goals. Information on these options are described below. Additional information can be obtained from school counselors or teachers.

Advanced Placement (AP)

What is it?

- These are college level courses, taught by a high school teacher, at the high school.
- Curriculum is designed by the teacher to meet College Board requirements.
- Students can earn college credit through an end of course test. They must score a 3 out of 5 on the exam for credit.
- Taking an AP exam is optional, but required for college credit.
- AP courses are 2 or 3 trimesters long.
- Courses provide rigor, depth, and breadth of content

Credit transfers fairly well from high school to a university transcript and from university to university.

For Students Who:

- Want to start college-level coursework in high school
- Plan to attend a college or university

Cost of AP Courses:

- AP exam fee \$96 (reduced fees are available for students who qualify for free/reduced lunch)
- \$25-40 course fee (waivable for those that qualify for a fee waiver)

Concurrent Enrollment (CE)

What is it?

- These are college level courses offered in high school.
 - Courses are taught by adjunct professors or high school teachers with a master's degree, content is designed by the university.
 - The grade earned in the courses goes on the student's college transcript.
 - Courses are one trimester long
 - Courses provide introductory-level college curriculum
- Credit is transferable to most Utah colleges and universities.**

For Students Who:

- Want to start college coursework in high school
- Plan to attend a Utah tech-school or university
- Have interests in a specific job/skill (e.g., technology or health career)

Cost of CE Courses:

- One-time college admission fee; (USU \$50, WSU \$30)
- Tuition (\$5 per credit)
- \$5 consumable supplies fee (waivable for those that qualify for a fee waiver)

Skills Learned & Practiced through AP & CE:

- Communication - verbal & written
- Planning, organization & management
- Responsibility, decision making & leadership
- Problem solving, analytical skills & critical thinking
- Goal setting & attainment strategies
- Life-long learning

Utah students saved over \$75 million by using these programs to earn credit while still in high school.

1

College & Career Pathways: During High School

Career & Technical Education (CTE)

What is it?

- Career-focused programs that can start students on a pathway towards credentials in postsecondary, workplace, career and college coursework
- Technical, academic and employable skills through CTE courses, work-based learning and concurrent enrollment
- Sequence of courses allow high school students to explore career-focused courses to prepare students for post-secondary and career options
- **Career Pathways** offer students the skills necessary for post-secondary careers.

For Students Who:

- Earn state & industry certifications and credentials recognized by industry.
- Want to apply academic learning to hands-on career opportunities.
- Are seeking internship opportunities to learn a skill set.

Cost of CTE Courses:

- \$10 consumable supplies fee (waivable for those that qualify)
- Industry certification fee (cost varies by certification)

Skills Learned & Practiced:

- Opportunities to participate in job shadowing, work-study, or internships.
- Generate numerous opportunities to learn about various careers.
- Provide connection to postsecondary education and employment through site visits.



¹ Georgetown University Center on Education and the Workforce (CEW). IOWA: Education and Workforce Trends through 2025, Georgetown University Center on Education and the Workforce (CEW). [files.eric.ed.gov/fulltext/ED574373.pdf](https://eric.ed.gov/fulltext/ED574373.pdf).
² Bromberg, M. (2016, March 31). Meandering toward graduation: Transcript outcomes of high school graduates. Retrieved March 24, 2021, from <https://eric.ed.gov/?id=ED566663>

NCAA CLEARINGHOUSE

If you plan on competing in any college sport, you must register with the NCAA Clearinghouse. You must take certain core academic classes each year of high school. If you do not meet these strict NCAA requirements you may lose eligibility and not be allowed to compete in college athletics. Talk to your counselor immediately or go to www.eligibilitycenter.org for more information. **These are approved, and projected to be approved, courses for Ridgeline.**

English

AP ENGLISH
CREATIVE WRITING
DEBATE
ENGLISH 10 LIT
ENGLISH 10 WRITING
ENGLISH 1010
ENGLISH 11 LIT
ENGLISH 11 WRITING
ENGLISH 2200
ENGLISH 9 LIT
ENGLISH 9 WRITING
HUMANITIES - ENGLISH
MYTHOLOGY
NOVELS AND SHORT STORIES
SPORTS LITERATURE AND FILM
WESTERN LITERATURE

Social Science

AMERICAN GOVERNMENT
ANCIENT WORLD HISTORY
AP EUROPEAN HISTORY
AP GOVERNMENT AND POLITICS
AP US HISTORY
CURRENT ISSUES
ECON 1500
H/GROWTH HDFS 1500
HISTORY 1700
HUMANITIES - SOCIAL STUDIES
MODERN WORLD HISTORY
POLITICAL SCIENCE 1100
PSYCHOLOGY
PSYCHOLOGY 1010
SOCIOLOGY
US HISTORY
WORLD GEOGRAPHY

Mathematics

AP CALCULUS AB
AP CALCULUS BC
AP STATISTICS
MATH 1050
MATH 1060
PRECALCULUS
SECONDARY MATH 1
SECONDARY MATH 1 PLUS
SECONDARY MATH 2
SECONDARY MATH 2 PLUS
SECONDARY MATH 3
SECONDARY MATH 3 PLUS
STAT 1040

Natural/Physical Science

	Lab
AP BIOLOGY	X
AP ENVIRONMENTAL SCIENCE	X
AP PHYSICS	
ASTRONOMY - SPACE EXPLORATION	
ASTRONOMY - THE UNIVERSE	
BIOLOGY	X
BIOLOGY 1010	
BOTANY	X
CHEMISTRY	X
CHEMISTRY 1010	
ENV SCIENCE	X
GEOLOGY 1060	
PHYSICS	X

Additional Core Courses

FRENCH 1
FRENCH 2
FRENCH 3
FRENCH 1010
FRENCH 1020
FRENCH 5 DLI
FRENCH DLI CULTURE AND HISTORY
FRENCH 3116 & 3117
GERMAN 1
GERMAN 2
GERMAN 3
GERMAN 1010
GERMAN 1020
GERMAN 4
SPANISH 1
SPANISH 2
SPANISH 3
SPANISH 4
SPANISH 5 DLI
SPANISH DLI CULTURE AND HISTORY
SPANISH 3116 & 3117

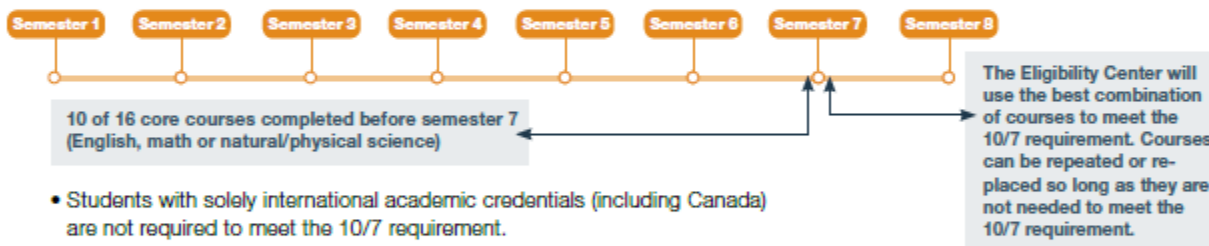
DIVISION I ACADEMIC STANDARDS

Division I schools require you to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive athletics scholarships in your first full-time year at a Division I school, you must graduate from high school and meet *all* of the following requirements:

1. Complete a total of 16 core courses in the following areas:



2. Complete 10 of your 16 core courses, including seven in English, math or natural/physical science, before the start of your seventh semester. Once you begin your seventh semester, you must have more than 10 core courses completed to be able to repeat or replace any of the 10 courses used to meet the 10/7 requirement.



3. Complete the 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum 2.300) on the Division I full qualifier sliding scale. Review the sliding scale on page 19 to ensure your score meets Division I requirements.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

- 4 English courses (one per year)
- + 4 math courses (one per year)
- + 4 science courses (one per year)
- + 4 social science (and/or additional) courses (one per year)

16 NCAA core courses

Your NCAA Eligibility Center Checklist

Deadline	Task
<input type="checkbox"/> Start of Freshman Year	Download the list of NCAA core courses offered at your school—and the NCAA Core Course GPA Calculator worksheet—before you meet with your guidance counselor.
<input type="checkbox"/> Start of Freshman Year	Review the NCAA core course requirements with your counselor. Take at least one approved core course in each of the following: Math, English, Natural/Physical Science and Social Science or Foreign Language.
<input type="checkbox"/> Freshman Year	Create your free NCAA profile account.
<input type="checkbox"/> Start of Sophomore Year	Review your transcript with your counselor to ensure you're on the track to meet the NCAA core course requirements. Take at least one approved core course in the following: Math, English, Natural/Physical Science and Social Science or Foreign Language.
<input type="checkbox"/> Sophomore Year	Take the PSAT to familiarize yourself with standardized tests.
<input type="checkbox"/> End of Sophomore Year	Receiving DI or DII interest? Create an NCAA Certification Account (cost: \$90 for athletes in the U.S., Canada, and U.S. Territories and \$150 for international athletes).
<input type="checkbox"/> Start of Junior Year	Review your transcript with your counselor to ensure you're on the track to meet the NCAA core course requirements. Take at least one approved core course in Math, English, Natural/Physical Science and Social Science or Foreign Language. <i>**At the end of this year 10 of your 16 core course grades are "locked in." You must complete 7 of the 10 core courses required in Math, English or Natural/Physical Science.</i>
<input type="checkbox"/> Start of Junior Year	Have your counselor send your transcript to the NCAA Eligibility Center.
<input type="checkbox"/> Start of Junior Year	Take your first ACT and/or SAT—this will give you time to take it again if you need to. Use school code "9999" to have your scores sent to the NCAA.
<input type="checkbox"/> End of Junior Year	Review your transcript with your counselor to ensure you're on track to meet the NCAA core course requirements. Focus on the 10 core course rule.
<input type="checkbox"/> End of Junior Year	Have your counselor send your transcript to the NCAA Eligibility Center.
<input type="checkbox"/> Start of Senior Year	Review your transcript with your counselor to ensure you're on track to meet the NCAA core course requirements. You should know the exact courses you will need to hit eligibility based on your meeting at the end of your junior year.
<input type="checkbox"/> Start of Senior Year	Take your second ACT and/or SAT again if necessary. Use school code "9999" to have your scores sent to the NCAA.
<input type="checkbox"/> Senior Year	Complete your amateurism questionnaire within your NCAA Certification Account.
<input type="checkbox"/> April 1 of Senior Year	Request your final Amateurism Certification within your Certification Account.
<input type="checkbox"/> End of Senior Year	Have your counselor send your final high school transcripts and proof of graduation to the NCAA Eligibility Center.

USU General Education Requirements
Available at
Ridgeline High School 2023-2024

Competency Requirements

<p>Communications Literacy 1 Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> ENGL 1010-Introduction to Writing * <input type="radio"/> ACT English test score of 29 or higher 	<p>Quantitative Literacy Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> Math 1050-College Algebra * # <input type="radio"/> Stats 1040 (for some majors)-Intro to Statistics * <input type="radio"/> AP Calculus (score of 3 or higher) <input type="radio"/> AP Stats (score of 3 or higher) <input type="radio"/> ACT Math test score of 25 or higher
<p>Communications Literacy 2</p> <ul style="list-style-type: none"> <input type="radio"/> ENGL 2010 - this course is not offered at the high school. If desired, it can be taken online through USU. 	

Breadth Requirements

<p>Breadth American Institutions Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> ECON 1500-Economic institutions and Principles * <input type="radio"/> POLS 1100-US Gov and Politics * + # <input type="radio"/> HIST 1700-American History + # <input type="radio"/> AP Gov & Politics: US (score of 3 or higher) <input type="radio"/> AP US History (score of 3 or higher) 	<p>Breadth Life Sciences Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> NDFS 1020-Nutrition * # <input type="radio"/> PSC 1800-Horticulture * <input type="radio"/> Biology 1010 + # <input type="radio"/> AP Biology (score of 3 or higher)
<p>Breadth Creative Arts Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> Music 1010-Intro to Music * + # <input type="radio"/> Art 1010-Exploring Art # <input type="radio"/> AP Studio Art (score of 3 or higher) 	<p>Breadth Physical Sciences Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> CHEM 1010-Intro to Chemistry * <input type="radio"/> PHYS 1010-Elementary Physics # + <input type="radio"/> GEO 1060-Environmental Geoscience + <input type="radio"/> CS 1030-Foundations of Computer Science * #
<p>Breadth Humanities Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> ENGL 2200-Understanding Literature * <input type="radio"/> Western Civilization USU Humanities 1320 * + <input type="radio"/> AP English Literature (score of 3 or higher) <input type="radio"/> AP European History (score of 3 or higher) 	<p>Breadth Social Sciences Choose one:</p> <ul style="list-style-type: none"> <input type="radio"/> FCSE 1350-Financial Literacy * # <input type="radio"/> PSY 1010-General Psychology * + <input type="radio"/> HDFS 1500-Human Development * + <input type="radio"/> HDFS 2400-Marriage and Family Relationships * <input type="radio"/> LAEP 1030-Intro to Landscape Architecture # <input type="radio"/> AP Comparative Gvmnt (score of 3 or higher)
<p>Exploratory Breadth <input type="radio"/> Choose one additional breadth course from any of the above</p>	

Non-General Education Elective Credits

<ul style="list-style-type: none"> <input type="radio"/> AV1900 (Unmanned Aerial Systems) * <input type="radio"/> BUSN 1111 (Accounting 1) * <input type="radio"/> BUSN 2800 (Accounting 2) * <input type="radio"/> ADV Health Science 1110 & 1111^ * <input type="radio"/> Medical Terminology 1101^ * 	<ul style="list-style-type: none"> <input type="radio"/> Spanish 3116 (DLI program) * <input type="radio"/> French 3116 (DLI program) * <input type="radio"/> CS 1400-Intro to Computer Science *
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^Weber State # online only, semester schedule, high independent work *-In person at RHS + Broadcast Course

ADVANCED PLACEMENT CLASSES

Advanced Placement classes are intensive courses available to students who wish to prepare for the AP examinations administered each spring by the College Board. AP Exams contain multiple-choice questions and a free-response section, except for the Studio Art exams, which are portfolio assessments. Most four-year colleges provide credit for students with qualifying scores. AP classes are full-year classes and require serious academic effort. AP examinations cost approximately \$100 for each examination.

The following AP classes may be offered at Ridgeline:

BIOLOGY	ENGLISH LITERATURE &	STUDIO ART
CALCULUS	COMPOSITION	U.S. GOVERNMENT & POLITICS
COMPARATIVE GOVERNMENT & POLITICS	EUROPEAN HISTORY	U.S. HISTORY
	PHYSICS: MECHANICS	
	STATISTICS	

CONCURRENT ENROLLMENT

Prerequisite: 3.0 GPA Concurrent enrollment classes are university classes taught at the high school. **The content, texts, examinations, and expectations are the same as if the class were taken at the college or university.** Students pay a one-time application fee of \$50 at <https://concurrent.usu.edu/> for Utah State University (USU) or <http://continue.weber.edu/concurrentenrollment/> for Weber State University (WSU). Registration is required each trimester a student has a concurrent enrollment course at <https://concurrent.usu.edu/register/> for USU or <http://continue.weber.edu/concurrentenrollment/students/registration.aspx> for WSU. If you wait to register with USU until after the course is 20% complete (12 school days), you will be assessed a **\$100 late registration fee per course**. If you wait to pay USU the tuition amount until after the course is 20% complete, you will be assessed a **\$15 late payment fee**. **Consistent with State SB284 the Utah System of Higher Education, there is a partial tuition of \$5.00 per credit for concurrent enrollment classes.** Students receive dual credit for high school and college. The grade earned for high school credit is the same grade earned for college credit. A grade of D or F may result in denial of admission into a university. Concurrent enrollment classes are college-level difficulty, and only students interested in that level of work should register for them. Under Utah's Board of Regents directive, sophomore students may not register for concurrent enrollment classes. Following are concurrent enrollment that may be classes offered at Ridgeline:

UTAH STATE UNIVERSITY CONCURRENT ENROLLMENT CLASSES

BIOLOGY 1010	MATH 1060
CHEMISTRY 1010	MUSIC 1010
COMP SCI 1030	NDFS 1020 (NUTRITION)
ECON 1500	FCSE 1350 (Financial Literacy)
ENGLISH 1010	BUSN 1111 (Accounting 1)
ENGLISH 2200	BUSN 2800 (Accounting 2)
HDFS 1500 HUMAN DEVELOPMENT ACROSS THE LIFESPAN	PLANT SCIENCE 1800
HDFS 2400 MARRIAGE AND FAMILY RELATIONS	POLITICAL SCIENCE 1100
FRENCH 1010, 1020, 3116, 3117	PSYCHOLOGY 1010
GERMAN 1010, 1020	SPANISH 3116, 3117
HUMANITIES 1320	SPED 1000
MATH 1050	STAT 1040
	TEAL 1010

UTAH STATE UNIVERSITY CONCURRENT ENROLLMENT BROADCAST COURSES

Broadcast concurrent enrollment courses are offered at Ridgeline via Utah's statewide distance education program. These classes offer access to college credit classes that may otherwise not be taught at RHS.

BIOLOGY 1010	MUSIC 1010
HDFS 1500	PHYSICS 1010
GEOLOGY 1060	PSYCHOLOGY 1010
HISTORY 1700	POLITICAL SCIENCE 1110
	USU1320

WEBER STATE UNIVERSITY CONCURRENT ENROLLMENT CLASSES

ADV HEALTH SCIENCE 1110, 1111	MEDICAL TERMINOLOGY 1101
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SCHOLARSHIPS

THERE ARE THREE MAIN CATEGORIES OF SCHOLARSHIPS. THEY ARE:

Academic Scholarships: These are mostly based on your GPA and/or ACT score. Generally, you apply for these scholarships your Senior year by submitting an admissions application to a college or university by the priority deadline. Priority deadlines are usually earlier than admissions deadlines, so be aware of when they are for the colleges and universities you are interested in attending.

Departmental Scholarships: These are more specific scholarships for your program of study. If you know what you will be majoring in as a Senior, contact that department and ask if they have scholarships for incoming freshmen. Note: You may apply for these throughout your college experience!

General Scholarships: Practically any person, organization or entity can create a scholarship and set the parameters for who can qualify. This is where you'll have to search to find the ones that you might qualify for. There are some great, free websites out there that help you do this. They can be found on the RHS scholarship website and the Keys to Success app or website. Keep in mind that you should never have to pay or give out your social security number to find scholarships.

Be sure to frequently visit our scholarship website for upcoming scholarship deadlines in all 3 categories. You can also find scholarship application materials tips and examples, academic scholarship deadlines, college admissions links, and more on this website.

<http://ridgelinecounseling.weebly.com/scholarships--financial-aid.html>
<https://www.ktsutah.com/>

OPPORTUNITY SCHOLARSHIP

This is a state funded, non competitive scholarship. These requirements were created after examining data from the last five years of Utah high school graduates to identify the top predictors of college success.

Earn a 3.3 cumulative high school GPA

Complete 3 advanced courses

Complete 1 Advanced Placement (AP) or Concurrent Enrollment (CE) course in each of the core areas of high school graduation:

- math,
- science, and
- language arts

Complete the Free Application for Federal Student Aid (FAFSA)

Graduate from a Utah high school

Visit <https://ushe.edu/state-scholarships-aid/opportunity-scholarship/> for more information, including which courses currently qualify.

COLLEGE ENTRANCE EXAM PREPARATION

Most colleges and universities in Utah require an ACT score for admission and/or scholarships. The following tests are suggested as follows:

Sophomore year: Students may consider taking the PSAT and/or a Practice ACT their Sophomore year to practice for the PSAT and ACT their Junior year. Fee required.

Junior year: The PSAT is the pre-SAT and can provide valuable data regarding college readiness to Juniors. Additionally, students enter the National Merit Scholarship competition by taking this test, as it is the qualifier for this competition. A fee is required (some fee waivers are available to qualifying students). Students may sign up at the fee window. All juniors will take the ACT at Ridgeline in February or March. Juniors are encouraged to take the ACT 1-2 times during December –July. See below for more information.

Senior year: Seniors should repeat the ACT in September and/or October to meet early December Scholarship deadlines.

To register for national test dates students should visit www.actstudent.org

The SAT, another college entrance exam not commonly used in Utah, may be required for some institutions. Students may determine test dates and locations for the SAT at: www.sat.collegeboard.org

CREDIT RECOVERY OPTIONS

Important Note: For all of the following options, it is important to get approval from your school counselor. Failure to do so may result in the course not counting towards graduation requirements.

Ridgeline High School Packets

Cost: \$40 per .5 credit

Packets are limited to a few core areas. Students who have failed a core course are eligible. Workbooks are graded by teachers. These are good for self-starters with high motivation. See your counselor for more details.

Cache High Competency Testing Program

Cost: \$20-\$40 per .5 credit

Students who have failed a core course are eligible to take a competency test. If the student passes, a P grade is awarded. If the student does not pass the test, they can earn credit by completing a packet at Cache High for an additional \$20 (for a total of \$40 per .5 credit). Tests must be arranged through the student's RHS school counselor in advance.

Northern Utah Testing Center

Cost: Free per legislative action

130 North Main Street Farmington, UT

801-402-5385

Competency tests in core subjects required by the Utah State Office of Education. Assessments may be taken only once per school year, per subject tested. Students will receive a "P" (pass) for demonstrating competency on the assessment taken. No letter grades will be awarded. Students must fill out an application, have their counselor sign it and make arrangements for testing.

<https://www.davis.k12.ut.us/departments/assessment/testing-center>

Northridge Learning Center

Cost: \$110 per .5 credit

44 South Main, Brigham City

www.northridgelearningcenter.com

Packets cover all core subjects required by the Utah State Office of Education. Students are required to complete all work themselves and pass a final exam upon completion. 2 hours of free tutoring is included in the purchase price of a packet.

BYU Independent Study

Cost: \$150+ per .5 credit or \$56 for select elective character/language arts courses

<https://is.byu.edu/site/programs/HighSchoolProgram.cfm>

Courses offered in a variety of core and elective courses. Most coursework may be completed at home, but final examinations must be taken under the direction of a proctor. A student may call 1-800-914-8931 to find a proctor in his or her area.

FLEX Hour for Credit, including BTECH

Cost: Free

Students may take a course for credit during the FLEX hour. Course offerings vary, including BTECH courses. Students may also sign up for Seminary during FLEX (space is limited) in order to free up a credit-earning class during the school day. However, students who are currently struggling in current classes may be better served by using it as an opportunity to receive more instruction from teachers – not as a way to earn additional credit.

BTECH Summer School

Cost: Free

www.BTECH.edu

1-866-701-1100

Students may make up 1.0 Elective credit by taking a BTECH course over the summer. Courses run from mid-June to late July and students are expected to have excellent attendance.

Cache High Summer School

Cost: 20-\$40 per .5 credit

Check with your counselor in late spring

Summer classes are held in June for 3 weeks. Course offerings are determined in late spring of each year. Excellent attendance is required.

ONLINE LEARNING OPTIONS

Please see <https://www.ccsdut.org/Page/7053> for a full explanation of online options.

Utah Students Connect

Cost: Free, but not to exceed a full schedule (7.5 credits) combined with RHS credits

<https://www.ccsdut.org/Page/7053>

For original credit. Students may replace RHS original credit with these courses. You must register through your counselor. Students may come late or leave early to accommodate these classes, but may not be on RHS's campus during online class time. Final tests need to be proctored at the Cache County District Office by appointment by the final deadlines.

Public Education Online (SOEP)

Cost: Free, but not to exceed a full schedule (7.5 credits) combined with RHS credits

<https://www.schools.utah.gov/edonline>

For original credit. Students may replace RHS original credit with these courses. You must work with the online provider you choose and your counselor to ensure you do not exceed the maximum number of credits allowed in a year. Students may come late or leave early to accommodate these classes, but may not be on RHS's campus during online class time. All questions about coursework, deadlines, etc will need to be directed to the online provider the student chooses to enroll with.

COURSE GRADE FORGIVENESS

USBE Board Rule R277-717 Course Grade Forgiveness

Students may receive grade forgiveness and receive the higher grade for transcripts when a course is repeated either on campus, online, or a comparable course is available. Learning packets are not a qualifying comparable course. You will not receive credit for the same class twice. This means that you could be deficient in your credits toward graduation by retaking courses. **Prior approval from administration and/or counselors is required.**

ELECTIVES

CTE INTERNSHIP

.5 Technical or Elective credit

Grades 11-12

Course # 8207

This course is an opportunity to explore your career in real time. It 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 students will be required to complete a minimum of four hours a week at their placement site.

DRIVER EDUCATION

.5 Elective credit

Grades 9-12

Course # 1st T 9130, 2nd T 9131, 3rd T 9132

Students who turn 16 years of age during the following months should sign up according to birth date: 1st trimester– Sept.-Jan. 31; 2nd trimester–Jan-April 30; 3rd trimester– April-Aug. 31. Road hours will be before and after school and on Saturdays. School Year Class: \$140 Summer/Online Class: \$170.

Any student can also complete the classroom portion for Driver's Education on-line through the Driver's Education Department. Contact Rich Gittins for information (245-6759, ext. 5300). This means a student takes the class on the internet and the driving portion with the teachers at RHS. Utah state law requires that all students must have a learner's permit for six (6) months before obtaining their driver's license. A student may take the state written test in order to obtain a learner's permit at 15 years old. Tests are taken at the Driver's License Division and before taking the Driver's Education class. **Students must have a learner's permit before the first day of class.**

DIVERSITY DISCOVERY A & B

1 Elective credit

Grades 10-12

Course # 9204, 9205

Diversity Discovery is a two-trimester class designed to help students of diverse backgrounds, abilities, and identities develop, utilize, and celebrate their voices. In addition, we strive to build our community by striving for more school inclusion, leadership opportunities, community social change, mentoring opportunities, and empathy. Through a critical lens and strong belief in oneself, students gain personal and interdependent empowerment that originates from their own knowledge and ripples into other lives in their different discourse communities.

LIGHT AND SOUND

1.5 Elective credit

Grades 9-12

Course # See a counselor

Prerequisite: Approved application form

This is a multifaceted program of teaching the necessary skills to operate lighting and sound equipment. Members of this class will make up the light and sound crew which will assist and follow through on any and all needs pertaining to activities in the auditorium such as: the school play, programs, the musical, assemblies, concerts, and public gatherings for the benefit of the student body and community. In addition to time spent in class, students will also be expected to spend evenings or weekends in support of school activities and programs.

PEER TUTOR

.5 Elective credit

Grades 10-12

Course # 9141

This course offers practical life experience. It is particularly helpful for students who are interested in education, child care, and other related fields. This course is designed to provide students with the opportunity to help tutor students who have academic and social disabilities. Focus is on participation and interaction with the students. Written assignments and lessons support learning the objectives of the course. **Tenth grade students can register for this class with permission from the teacher or if they have prior peer tutor experience.**

FINANCE

Any of these classes meet the Financial Literacy graduation requirement.

INDIVIDUAL AND FAMILY RELATIONSHIPS (Formally ADULT ROLES A)

.5 Technical or Social Studies credit

Grades 11-12

Course # 8109

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

PERSONAL AND FAMILY FINANCE (Formally ADULT ROLES B)

.5 Financial Literacy/Social Studies credit

Grades 11-12

Course # 8115

39, 8142 This course teaches students about financial priorities and goals, how to have financial health as an individual and family, money management strategies for the goals of the individual and family, the financial implications of relationship formation and dissolution, and explore careers in financial behavioral health and counseling.

FCSE 1350 FINANCIAL LITERACY

Concurrent Enrollment 3 USU Credits

.5 required Financial Literacy/Social Studies Credit

Grades 11-12

Course # 0335

Prerequisite 3.0 GPA or Teacher/Counselor approval

This concurrent enrollment course satisfies the General Financial Literacy requirement and is designed for students who are planning to attend college. Students will gain an understanding of the decision-making skills needed to be knowledgeable and effective consumers, money managers, savers, investors, users of credit and productive workers in a global workforce and society. This course satisfies the Breadth Social Science Requirement at USU.

FINANCIAL LITERACY

.5 required Financial Literacy/Social Studies credit

Grades 11-12

Course # 0333

This course will help students prepare for the choices and challenges of money management in adulthood. Students will gain an understanding of personal finance principles as they relate to income, money management, spending, credit, saving and investing. They will use this knowledge and related skills to take individual responsibilities for personal economic well-being.

MATHEMATICS OF PERSONAL FINANCE A & B

1 Math Credit and Financial Literacy Requirement Fulfilled Grade 11-12

Course # 5200, 5201

Prerequisite: Math 2

This course will teach mathematics and personal finance that are essential for students who will assume roles as consumers, money managers and members of a global workforce. Successful completion of both trimesters will also fulfill the General Financial Literacy requirement for graduation.

FINE ARTS

One and one-half credit of Fine Arts courses are required for students to graduate. Students may take Fine Arts courses anytime in grades 9-12. Students may also take Fine Arts courses as electives.

ART, CERAMICS, PAINTING, SCULPTURE

ART 1

.5 Fine Art credit

Grades 9-12

Course # 1101

This beginning art course will introduce students to 2-Dimensional art. As a studio class, creating unique artwork is paramount; however, students will also learn art-specific vocabulary, art history, art-related technology, as well as principles of art and design. Still life, perspective, portraiture, and other topics will be covered. Students will be exposed to many media including-but not limited to-pencil, ink, watercolors, pastels and charcoal.

This is a prerequisite for all other art classes.

ART 2

.5 Fine Art credit

Grades 9-12

Course # 1102

Prerequisite: ART 1

This course is a continuation of principles of art and design as learned in Art 1, but will expound on and delve further into the arts. In addition to drawing and painting, students will gain experience in silkscreen printing, relief printing, acrylic painting, and more. Emphasis will be placed on mastering different art media, art history, and art criticism as well.

ART 3 (Painting 1)

.5 Fine Art Credit

Grades 10-12

Course#1103

Prerequisite: ART 2

Students will experience more advanced art making such as oil painting and printmaking. This course will consist of creating both master studies as well as student-choice pieces. Professional best practices will be explored as well, with lessons in framing, handling, marketing, and selling art. Art history, art criticism, and other topics will also be explored.

ART - AP

1.5 Fine Art credit

Grades 11-12

Course # 1110, 1111, 1112

In this year-long teacher supported, self-driven course, students will develop a portfolio of artwork designed to earn college credit. The AP Studio Art Program consists of three portfolio exams—2-D Design, 3-D Design, and Drawing—corresponding to the college foundation courses. Portfolios allow flexibility of coursework while guiding students to produce college-level work. In addition to portfolio creation, professional best practices will be explored as well, with lessons in photographing, matting, framing, handling, marketing and selling artwork.

AP ART HISTORY

1.5 Fine Art credit

Grades 11-12

Course # 1113, 1114, 1115

In this year-long course, topics such as the nature of art, its uses, its meanings, art making, and responses to art will be explored. Through investigation of diverse artistic traditions of cultures from prehistory to the present day, this course fosters in-depth understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and connections of art-making processes and products throughout history.

CERAMICS 1

.5 Fine Art credit

Grades 9-12

Course # 1120

This course is for students who want to gain knowledge of the process of using clay to create functional and sculptural objects. We will be using hand building and wheel throwing techniques in conjunction with creative problem solving as we move through our projects. An emphasis will be placed on studio production, which means we will be producing several projects over the course of the trimester. The use of ceramics specific content knowledge will be learned and used as we critique and evaluate our works. Students will learn art related technology skills, art criticism, art history and aesthetics. (*This class is not repeatable without specific teacher approval based on need.*)

CERAMICS 2

.5 Fine Art credit

Grades 9-12

Course # 1123

Prerequisite: Ceramics 1

This course is a continuation of Ceramics 1, as such students in this course are expected to have completed Ceramics 1. Progression of making techniques is emphasized as well as personal expression through control of the media. Students will have the opportunity to create original works of their own design within self-designated making techniques. Students will hone their skills in wheel making and hand building. Students will learn art related technology skills, art criticism, art history and aesthetics.

CERAMICS 3

.5 Fine Art credit

Grades 11-12

Course # 1122

Prerequisite: Ceramics 2

This course is for students who have learned the value of ceramics in their lives and want to progress voice and vision in their work. Much of the work will be teacher supported, self-driven projects. Use of advanced ceramic technology will be blended with old world craft. Using these ideals students will progress the medium of clay and create vision in the future of ceramic creation. Knowledge of firing and the effects of chemical changes that occur in kilns will be learned and experimented with.

SCULPTURE

.5 Fine Art credit

Grades 9-12

Course # 1105

This course is designed to introduce the student to three-dimensional art and forms. Various mediums including clay, paper, silver and plaster will be used to create projects. This course is great for students that are new to art and that like to work with their hands. Students will study through art history and its influence in the world.

PHOTOGRAPHY / VIDEO

COMMERCIAL PHOTOGRAPHY 1

.5 Fine Art or Technical credit

Grades 9-12

Course # 8287

This introductory class on photography consists of three to four weeks of classroom instruction followed by eight weeks of taking pictures and working with Adobe Photoshop. This class will give the student a better understanding of film cameras and digital cameras, film and flatbed scanners, printers, lenses, composition, and other phases of photography. The student must have any type of digital camera. There are 15 assignments and several tests associated with this class. Most assignments involve digital retouching and printing. \$

COMMERCIAL PHOTOGRAPHY 2

.5 Fine Art or Technical credit

Grades 9-12

Course # 8288

Prerequisite: Digital Photo 1

This class is a continuation of theory and technique improvement for the student who desires more depth in digital photography. Digital Photo 1 is a prerequisite for this class. Composition, control of light, etc. will be heavily stressed. The student must have a digital camera (preferably with adjustable aperture and shutter speeds). There is a limited amount of formal classroom discussion. There will be several assignments involving alternative digital processes. Most work is done in the digital photography lab. \$

VIDEO TECHNOLOGY AND PRODUCTION A & B

1 Fine Art or Technical credit

Grades 9-12

Course # 8189, 8190

This is a two-trimester activity and academic-oriented course that teaches individuals basic TV broadcasting skills. Students will be involved in the development, design principles, and the production of media with emphasis in video. Instructional activities are centered on the utilization of actual fundamentals learned in video production, including lighting, audio production, directing, editing, and filming. Work ethics and productivity are an integral part of the classroom and lab activities.

PERFORMING ARTS: MUSIC

BAND - CONCERT BAND (INTERMEDIATE)

1.5 Fine Art credit

Grade 9-12

Course # 1003, 1004, 1005

This intermediate-level band course encourages increased technical and expressive musical proficiency through performance and study of music. Membership is open to anyone desiring to perform on a woodwind or brass instrument. Students are encouraged to register for all three trimesters. In addition to concerts and festivals, students will have the opportunity of joining the Pep-Band and Marching Band. A uniform and class fee are required.

BAND - SYMPHONIC BAND (ADVANCED)

1.0 Fine Art credit

Grades 9-12

Course # 1006, 1007, 1008

Prerequisite: Audition

This advanced-level band course performs varied, advanced-level music in wind ensemble literature. Membership is by audition for all brass and woodwind sections. Students are encouraged to register for all three trimesters. In addition to concerts and festivals, students will have the opportunity of joining the Pep-Band and Marching Band. A uniform and class fee are required.

BAND - PERCUSSION

1.5 Fine Art credit

Grades 9-12

Course # 1009, 1010, 1011

This intermediate-level band course encourages increased technical and expressive musical proficiency through the performance and study of music. Membership is open to anyone desiring to perform on a percussion instrument. Students are encouraged to register for all three trimesters. Students will perform as a percussion ensemble and with the Concert Band. In addition to concerts and festivals, students will have the opportunity of joining the Pep-Band and Marching Band. A uniform and class fee are required.

DRUMS 1

.5 Fine Art credit

Grades 9-12

Course # 1019

One trimester, beginning drums course. No experience necessary. Students will learn the basics of drumming in multiple, popular styles and develop fundamental skills in drum set, snare and hand drum playing. This class is focused on personal development and fulfillment. Participation in a school ensemble is not expected.

CHOIR – CHAMBER CHOIR – *RHAPSODY* (ADVANCED SATB) Enrollment in at least one other choir required

.5 Fine Art credit

Grades 11-12

Course # See Mr. Baer

Prerequisite: Audition

This advanced choir of 24-32 singers is composed of juniors and seniors only and will meet during zero hour (before school) daily. Students must be members of Mixed Choir, Men's Chorus, or Treble Choir. Activities will include a variety of advanced vocal ensemble experiences, chamber music, jazz, and popular music. This choir performs extensively at school and community events throughout the year. Special uniforms \$

CHOIR – MIXED CHOIR – *RESONANCE* (INTERMEDIATE SATB) Two Trimesters Required

.5 Fine Art credit

Grades 11-12

Course # 1045, 1046, 1047

Prerequisite: Audition

This intermediate choir is a select group of singers which will be the school's premier representative at region and state large group competitions, festivals, and other events. The choir will perform in a variety of styles and languages. Though teamwork is essential, students will develop individual musicianship and vocal skills that will aid future musical pursuits. Openings will be based on a balanced ratio of men and women. We encourage sophomore women to participate in Treble Choir for a year before auditioning. If there is no Men's Chorus, freshmen men will be admitted to this group after an audition. This class requires a uniform and music fee. \$

CHOIR – MEN'S CHORUS (TTB)

.5 Fine Art credit

Grades 9-12

Course #1058, 1059, 1069

This is a performance-oriented choir class with an emphasis on choral unity and basic music skills for tenors and basses. We will emphasize how the voice can be developed and improved through proper care and vocal technique. Singers will perform two, three, or four-part literature in various languages and styles. Students must come with the desire to sing and perform and will be required to perform in scheduled concerts, with opportunities for additional activities and travel.

CHOIR – TREBLE CHOIR – *REVEL* (SSA)

.5 Fine Art credit

Grade 9-12

Course # 1042, 1043, 1044

This is a performance-oriented choir class with an emphasis on choral unity and basic music skills for sopranos and altos. We will emphasize how the voice can be developed and improved through proper care and vocal technique. Singers will perform two, three, or four-part literature in various languages and styles. Students must come with the desire to sing and perform and will be required to perform in scheduled concerts, with opportunities for additional activities and travel.

BEGINNING GUITAR – GUITAR 1

.5 credit

Grades 9-12

Course # 1024

Beginning guitar is an introduction into guitar basics. Beginning guitar is required for all students before entering into any other level of guitar. If you have no experience, or a year or two of guitar, this is the class for you. In beginning guitar we will cover the following: parts of the guitar, tuning, walking the fingerboard with variations, playing with a guitar pick, C Major Scale, E and A Open Minor Pentatonic Scales, 6th string moveable minor pentatonic scale, Open Chords - A, Am, A7, Am7, Bm, B7, C, Cadd9, C7, Cmaj7, D, Dsus, D7, Dadd9, Dm, E, Em, E7, F, G, G7, Open power chords, 12 Barre blues, blues turnarounds in E, note reading on the first 4 strings, guitar tab on all six strings, basic rhythms, common strum patterns in 4/4 and 3/4 time, guitar accompaniment while singing, basic improvisation and ensemble playing. This is a one trimester course that gives students a solid foundation into playing the guitar. **Students are limited to one guitar class per year.**

GUITAR 2

.5 credit

Grades 9-12

Course # 1025

Prerequisite: Guitar 1 - Beginning guitar or passing an audition with the teacher.

This course picks up right where beginning guitar left off. This course will cover the following items: alternating bass accompaniment, accompaniment while singing, basic fingerpicking, fingerpicking accompaniment, cross picking, intermediate guitar ensembles, 6th string and 5th string moveable power chords, 6th and 5th string Major, Minor, 7th, Minor 7th Barre chords, 6th and 5th string Major Scales, 6th and 5th string Blues and Minor Pentatonic Scales, basic blues and rock licks and riffs, open power chord variations, more open chords, palm muting and note reading on all six strings. **Students are limited to one guitar class per year.**

GUITAR 3

.5 credit

Grades 10-12

Course # 1075

Prerequisite: Guitar 2 or passing an audition with the teacher.

Students may sign up for Guitar 3 after passing and completing Guitar 2. This course is for students who are interested in becoming better musicians and who have a desire and willingness to become a great guitar player. The course will cover: barre chords on the 6th and 5th strings, suspended chords, add nine chords, slash chords, muted strumming, 1st position note reading continued, 5th position note reading, advanced guitar ensembles, dotted notes, 16th notes, tied notes, syncopated rhythms, the 5 box-position minor pentatonic scales, major pentatonic scales, fingerstyle guitar arrangements, song writing and solo guitar playing. **Students are limited to one guitar class per year.**

GUITAR 4

.5 credit

Grades 10-12

Course # 1076

Prerequisite: Guitar 3 or passing an audition with the teacher.

Students are limited to one guitar class per year.

Guitar 4 may be taken after completing and passing Guitar 3 at Ridgeline or with approval from Mr. Putnam. Guitar 4 is open to 10th - 12th graders. This class is for those students who are dedicated and serious about studying guitar. Guitar 4 is a continuation of Guitar 3, only more in depth. We will cover dead-string chords, arpeggios, minor scales, modes, and reading standard notation on all six strings. We will also cover the 5-box position minor pentatonic scales, major pentatonic scales, fingerstyle guitar arrangements, song writing, and solo guitar playing. We will focus on small group ensembles, performing, and producing the best tone quality. There will also be an emphasis placed on improvisational soloing.

ORCHESTRA - ADVANCED

1.5 Fine Art credit

Grades 9-12

Course # 1033, 1034, 1035

Prerequisite: Director Approval

This advanced course performs music at the highest possible level of musicianship and skill for a high school instrumental ensemble, and therefore students must audition before being admitted. This is a full-year course, and students are expected to register for all three trimesters. This class also provides opportunities to foster and refine musical expression through instrumental performance, analytical/evaluative skills, and aesthetic judgement. Out-of-class rehearsals and performances may be required. It is open to all 9-12 grade students; however, freshmen and all other new students to the school must register for the Intermediate Orchestra during 1st trimester in order to have an opportunity to audition for the Advanced Orchestra for the remainder of that particular school year. Concert Black is required for performances.

ORCHESTRA - INTERMEDIATE

1.5 Fine Art credit

Grades 9-12

Course # 1052, 1053, 1054

Prerequisite: At least 2 years of experience on either violin, viola, cello, or bass, or director approval

This intermediate course performs music at a high level of musicianship and skill, and therefore students must have experience playing on the violin, viola, cello, or bass before being admitted. This is NOT a beginning orchestra class. This is a full-year course, and students are expected to register for all three trimesters. This class also provides opportunities to foster and refine musical expression through instrumental performance, analytical/evaluative skills and aesthetic judgment. Out-of-class rehearsals and performances may be required. It is open to all 9-12 grade students. Concert Black is required for performances.

OTHER MUSIC

MUSIC 1010

Concurrent Enrollment 3 USU Credits

.5 Fine Art credit

Grades 11-12

Course # 1062

Prerequisite 3.0 GPA

This is a course designed for non-music majors to encounter classical music, develop listening skills, and gain an understanding of musical elements, history and style. Topics of study include: physical properties of sound, written notation, rhythm, melody, harmony, form, selected composers, important musical works and the relation of music to history and culture.

SONGWRITING

.5 Fine Art credit

Grades 10-12

Course # 1060

In this course students will write and share their own original songs. They will learn strategies for writing lyrics, melodies and chord progressions, as well as harmonizing, arranging and performing their music. Students will study musical examples in a variety of popular styles. Prior musical experience is helpful, but not required, for success in this class.

PERFORMING ARTS: THEATRE

INTRO TO MUSICAL THEATRE (First trimester)

.5 Fine Art credit

Grades 9-12

Course # 1082

This course provides deeper instruction on skill sets needed to be in a musical. Students will learn acting techniques, choreography, and basic vocal instruction. Students will also become familiar with a variety of classic and contemporary musicals.

MUSICAL THEATRE PRODUCTION (Second trimester) *Prerequisite: For students in the musical production (Audition required)*

.5 Fine Art credit

Grades 9-12

Course #1077

This course provides deeper instruction on producing a full-length musical. Students will be working on vocals, memorization, choreography and characterization for the school musical. Auditioning for the school musical is part of this course.

THEATRE 1 (Drama 1)

.5 Fine Art credit

Grades 9-12

Course # 1083

This course will include the development of basic acting skills including improvisation, inner resources, movement, oral interpretation, characterization, playing different roles and development of standards of judgment for theatrical productions.

THEATRE 2 (Drama 2)

.5 Fine Art credit

Grades 9-12

Course # 1090

Prerequisite: Drama 1 or FLEX Drama

This course will be a continuation of Drama 1. Students will continue to develop the basic techniques of acting: movement, voice, sensory and emotional recall, character building and rehearsal techniques. Students will be participating in various performances, learning stage combat, stage make-up, and other techniques that will enhance their performance on stage. Students will also be reading several plays by famous playwrights.

STAGECRAFT (Second Trimester Only and during third hour)

.5 Fine Art or Tech credit

Grades 9-12

Course # 1085

This course will provide instruction on the design and construction of theatrical sets. Building sets for the school musicals and plays and quick set up and tear down techniques.

OTHER FINE ARTS CLASSES

FILM: HISTORY, TECHNIQUE & ANALYSIS

.5 Elective English or Fine Art credit

Grades 11-12

Course # 4200

This elective, one-trimester course provides students with a basic introduction to the art of film and history. While enrolled in this course, students will gain the ability to understand the meaning(s) of cinematic works. Students will be able to justify meaning through analysis of cinematic works, artistic, and literary moves made by the director. This analysis will be based through topics including (but not limited to) terminology, technique, and literary comparison. Students will be expected to produce their findings through class discussion and writing. Students may have the opportunity to create their own films.

FLORICULTURE (Floral Design)

.5 Technical or elective Fine Art credit

Grades 10-12

Course # 8016

This class lasts 1 trimester and teaches skills in floral design including making corsages, boutonnieres, bud vases, table arrangements, and introductions to wedding flower construction and the floral design industry. Students will spend some time in the high school greenhouse growing potted flowers and designing container gardens and hanging baskets. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to state core requirements.

HUMANITIES A (USU 1320 CE optional)

.5 Elective English or Social Studies or Fine Art credit

Grades 11-12

Course # 4026

NHS, NCAA

In Humanities, students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Areas of focus in this course will include philosophy, literature, music, and a major focus on visual art history. This course will survey mankind's artistic creations from the dawn of time and will approach modern day. This course is perfect for any student seeking an appreciation of the arts and an understanding of our artistic past. (NCAA)

INTERIOR DESIGN

.5 Fine Art or Technical credit

Grades 10-12

Course # 8131

This course is designed to help students develop an appreciation of beauty and good design in home and public interiors, and to discover their own creative styles. Through the use of the basic principles and elements of design, students will design interior spaces, including walls, floors, windows, and furnishings, and will present single room designs.

SOCIAL DANCE 1 (BEGINNING)

.5 PE or Fine Art credit

Grades 9-12

Course # 7017 girls only Course # 7018 boys only

Learn how to dance with a partner. Students will learn basic figures, technique and styling for several styles of social dance including Foxtrot, Cha-Cha, Swing and Waltz. Students will learn the skills they need and gain the confidence to be able to lead and follow when dancing with a partner.

SOCIAL DANCE 2A (INTERMEDIATE)

.5 PE or Fine Art credit

Grades 10-12

Course # 7019 girls only Course # 7020 boys only

Prerequisite: successful completion of Social Dance 1. If you enjoyed beginning social dance and want to learn more and improve your social dance skills then this is the class for you. This class is designed to help students improve their styling and technique and learn more advanced steps from dances taught in the beginning course including Cha-Cha and Swing as well as new dances including Samba and Nightclub Two Step.

SOCIAL DANCE 2B (INTERMEDIATE)

.5 PE or Fine Art credit

Grades 10-12

Course # 7023 girls only Course # 7024 boys only

If you enjoyed Beginning Social Dance and want to learn more and improve your social dance skills then this class is for you. This class is designed to help students improve their styling and technique and learn more advanced steps from dance taught in the beginning course including: Mambo, Tango, West Coast Swing and the Lindy Hop.

WORLD LANGUAGES

¿Hablas español?

Sprichst du Deutsch?

Parlez-vous français?

Proficiency in another language can open many doors to employment and/or career opportunities in almost any field of endeavor. As colleges and universities upgrade their entrance requirements, it becomes even more imperative that the serious-minded high school student study a world language in order to meet these stiffer requirements. A World Language student will develop a better understanding of another culture. In addition, he or she will also develop better study habits which will be invaluable regardless of the student's chosen area of study.

*Students who are interested in attending the University of Utah must complete 2 credits of any World Language. These 2 credits must be in the same language. Most colleges/universities recommend 1-2 credits of a world language.

FRENCH 1

1 Elective credit

Grades 9-12

Course # 4714, 4715

This course is an introduction to the French language and to the culture of French-speaking people. The class work includes conversation, vocabulary, grammar, writing and beginning reading skills. (NCAA)

FRENCH 2

1 Elective credit

Grades 10-12

Course # 4717, 4718

Prerequisite: French 1A & B

This course builds on the skills developed in French 1. Students will continue to broaden their communication skills and cultural fluency through a variety of activities, games, film, music and books. Students will gain a more solid understanding of grammar and culture while improving their listening, speaking and reading abilities. (NCAA)

FRENCH 3 A & B or FRENCH 1010/1020

College Credit Preparation

1 Elective credit

Grades 11-12

Course # 4723, 4724

Prerequisite: French 2 and a 3.0 GPA

This is a college preparatory course for the serious French 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 (\$25), with the option of buying the credits through USU (\$75 per 4 credits). A passing score on this exam may result in four or more credits upon registering at USU. Students may take this class as a Concurrent Enrollment course and may receive up to 8 foreign language college credits. (NCAA)

FRENCH 5 DLI A & B

1 Elective credit

Grades 9-11

Course # 4774, 4775

Prerequisite: Previous Enrollment in DLI or teacher approval

This 9th-grade course is a continuation of the French dual language immersion program and prepares students to take the French Language AP exam. Students will continue proficiency development in speaking, listening, reading and writing through language immersion. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.

FRENCH DLI 6 A & B

Pre-requisite: French DLI 4 or 5 or teacher approval. This course continues the progression of language proficiency and cultural competency for students in the French DLI course pathway or students whose French language proficiency qualifies them for placement in this course.

FRENCH DLI CULTURE & HISTORY C (INDEPENDENCE)

.5 Elective Credit

Grade 9-11

Course # 4783

Prerequisite: Previous Enrollment in DLI or teacher approval

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

FRENCH AP LANGUAGE AND CULTURE (A & B)

.5 to 1.0 Elective credit

Grade 10-12

Course #

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives.

FRENCH 3116- Adventure and Discovery: Journey in the Francophone World

1.0 Elective credit; Utah Higher Education: French 3116, 3 credits

Grade 10-11

Course #

Prerequisite: French AP Language and Culture exam score of 3 or higher, AP exam taken in grade 9-11.

Course Description: The themes of discovery and adventure can be found in many cultural artifacts and literature in the French and Francophone worlds. Students will explore themes of discovery, adventure and journey in the French and Francophone worlds through the prism of the fine arts, history, music, texts, film, and other areas. Students will be exposed to a variety of approaches such as project-based instruction, class discussion, and reaction papers.

FRENCH 3117 Francophone Studies: Past, Present and Future

- **3 university credits**

This course incorporates the analysis of cultural artifacts and literatures in the Francophone world to explore cultural themes, including coming of age, rites of passage, and education. **Prerequisite/Restriction:** Students must have passed the French AP Language and Culture exam (score of 3 or higher) or have permission of the instructor.

GERMAN 1 A & B

1 Elective credit Grades 9-12 Course # 4725, 4726

This course is an introduction to the German language and culture. This is an exciting class filled with fun activities centered on building vocabulary and fluency through listening, speaking, reading, and writing. Students will be immersed in the language and learn hundreds of vocabulary words, basic sentence structure, and will be able to communicate at a basic level in everyday situations. German culture will be analyzed to foster multicultural awareness. Students will enjoy weekly exposure to music, games, books, film, and other sources aimed at broadening student understanding of the German-speaking world. (NCAA)

GERMAN 2 A & B

1 Elective credit

Grades 10-12

Course # 4727, 4728

Prerequisite: German 1 A & B

Building on the skills gained in German 1, this course will be a continuation of fun vocabulary and fluency-building activities. This course is intended to give students a more solid background in language structure and to increase their fluency in speaking, listening, reading and writing. Course work and activities are all aimed at improving the skills needed to better function in the German language. Students will enjoy weekly exposure to music, games, books, film, and other sources aimed to build student understanding of the German culture and language. (NCAA)

GERMAN 3 A & B or GERMAN 1010/1020

1 Elective credit and/or 8 USU college credits Grades 10-12 Course # 4733, 4734

Prerequisite: German 2 A & B and a 3.0 GPA

Building on the skills gained in German 1 and 2, this course will be a continuation of fun vocabulary and fluency building activities with a focus on grammar, and will follow the university level German 1010/1020 curriculum. Students will be aiming to reach an intermediate low proficiency level with ACTFL. At the completion of this course, those taking the concurrent enrollment portion will receive 8 foreign language college credits. (NCAA)

GERMAN 4 A & B

1 Elective credit Grades 11-12 Course # 4731, 4732

Prerequisite: German 3 A & B or German 1010/1020

This advanced course will help students become more fluent in German. German literature and culture will be studied. (NCAA)

Intro to Latin

.5 Elective credit Grades 9-12 Course #

Introductory course for students with no previous background in Latin. Basics of Latin grammar and vocabulary. Beginning readings. This will prepare students to take Latin 1 A & B or Latin 1010/1020.

LATIN 1 A & B or LATIN 1010/1020

1 Elective credit and/or 10 USU college credits Grades 11-12 Course #

Prerequisite: Intro to Latin and a 3.0 GPA

Building on the skills gained in Intro to Latin, this course will be a continuation of fun vocabulary and fluency building activities with a focus on grammar, and will follow the university level Latin 1010/1020 curriculum. At the completion of this course, those taking the concurrent enrollment portion will receive up to 10 foreign language college credits with 5 credits per section. (NCAA)

SPANISH 1

1 Elective credit Grades 9-12 Course # 4704, 4705

A beginning course designed to give the students basic conversation ability. Emphasis will be placed upon pronunciation, reading, speaking, and everyday vocabulary. The cultures, folklore, and history of many Spanish-speaking countries will also be studied. (NCAA)

SPANISH 2

1 Elective credit Grades 9-12 Course # 4706, 4707

Prerequisite: Spanish 1

In Spanish 2, systematic exposure will be given to new vocabulary and verb tense construction, and further study of Spanish-speaking countries—their cultures, traditions and history. Emphasis will be placed on daily conversational practice. Reading will also receive more attention. (NCAA)

SPANISH 3 A & B

College Credit Preparation

1 Elective credit Grades 10-12 Course # 4708, 4709

Prerequisite: Spanish 2

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. A passing score on this exam may result in four or more credits upon registering at USU. (NCAA)

SPANISH 4 A & B

1 Elective credit Grades 11-12 Course # 4710, 4711

Prerequisite: Spanish 3

This advanced course will help students become more fluent in Spanish with continued emphasis on reading, writing and speaking in Spanish. (NCAA)

SPANISH 5 A & B

1 Elective credit Grade 12 Course #

Prerequisite: Spanish 4

This course will allow students to continue their acquisition of the Spanish language through their final year of high school. We will continue to have fun activities focused on reading, writing and speaking in Spanish. (NCAA)

SPANISH 5 DLI A & B

1 Elective credit

Grades 9-11

Course # 4785, 4786

Prerequisite: Previous Enrollment in DLI or teacher approval

This 9th-grade course is a continuation of the Spanish dual language immersion program and prepares students to take the Spanish Language AP exam. Students will continue proficiency development in speaking, listening, reading and writing through language immersion. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.

SPANISH DLI 6 A & B

Prerequisite: Spanish DLI 4 or 5 or teacher approval. This course continues the progression of language proficiency and cultural competency for students in the Spanish DLI course pathway or students whose Spanish language proficiency qualifies them for placement in this course.

SPANISH DLI CULTURE & HISTORY C (INDEPENDENCE)

.5 Elective Credit

Grade 9-11

Course # 4789

Prerequisite: Previous Enrollment in DLI or teacher approval

The Independence Movement: Freedom and change in the Spanish speaking world. Students will compare and contrast individual and collective perspectives about independence, freedom and change by studying the independence movements of the Hispanic world.

SPANISH AP LANGUAGE AND CULTURE (A & B)

.5 to 1.0 Elective credit

Grade 10-12

Course #

This course will prepare you to take the AP Spanish Language and Culture Test in May. If you pass the test you can earn up to 16 college credits! This course is offered for 3 groups of students, 1. Those who did not pass the AP Spanish test in 9th grade from the DLI program, 2. Heritage Spanish speakers who already know Spanish, 3. Students who have taken Spanish 1, 2, and 3. We will learn about the following 6 themes. Communities and Families, Science and Technology, Beauty and Aesthetics, Contemporary Life, Personal and Public Identities, and Global Challenges. This class will be done entirely in Spanish. Contact Mr. Morrill in room 120 with any questions.

SPANISH 3117- Building Identities: Self & Society

1.0 Elective credit; Utah Higher Education: Spanish 3117, 3 credits Grades 10-11 Course #

Prerequisite: Spanish AP Language and Culture exam score of 3 or higher, AP exam taken in grade 9-11.

Course Description: In this course, students will critically analyze and interpret works of literature and film in Spanish to explore contemporary societal issues. Students will utilize interpretive communication skills (listening and reading) in order to speak and write in detail and in an organized way about events and experiences in various time frames, to confidently handle routine situations with an unexpected complication, and to share their point of view in writing and discussions on some complex cultural and historical issues.

HEALTHY LIFESTYLES

Two credits of Healthy Lifestyles are required for students to graduate. Students should take Health their 9th or 10th grade year, and PE both their 9th and 10th grade year. One elective PE class should be taken any other year. Only one PE class should be taken per trimester

HEALTH

HEALTH

.5 Health credit

Grades 9

Course # 7002

The goal of Health Education at the high-school level is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social and emotional well-being. This course is designed to offer students the opportunity to acquire knowledge, incorporate life skills, and develop positive attitudes about life. Development of a healthy body and a healthy mind now will help ensure productivity, success and an active lifestyle in the future.

PHYSICAL EDUCATION

Required PE Course

FITNESS FOR LIFE

.5 Core or elective PE credit

Grade 9-10

Course # 7005

All students are required to take this class. It cannot be substituted by athletic participation.

Fitness for life is an individualized, concepts-based course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs. It is a combination of classroom-based and activity-based learning activities with a focus on students' mastery of the skills and concepts necessary to become independent monitors of their personal fitness for a lifetime..

Core PE Courses

ATHLETICS (SKILLS)

.5 PE core (one time only) or elective PE credit Grades 9-12

Course # see list below

Prerequisite: Coach's signature

This class is for students involved in Ridgeline UHSAA competitive team sports. Students should sign up for the specific sport in which they are involved:

7111 Golf	7117 Baseball	7102 Drill Team
7113 Basketball F	7114 Basketball M	7105 Football
7115 Swimming	7104 Volleyball	7112 Wrestling

INDIVIDUAL LIFETIME ACTIVITIES

.5 Core or elective PE credit

Grades 11-12

Course # 7009

This course is designed to offer a higher level of proficiency and more in-depth instruction in up to three lifetime activities. The curriculum will emphasize individual or partner based activities with the goal to improve basic skills, strategies as well as fitness levels. *Students involved with in season sport should not take class during the same trimester*

These sports may be taught:

Archery	Pickleball
Badminton	Softball
Basketball	Snowshoeing
Bowling	Team Handball
Fitness-jogging, walking, yoga, aerobics, etc.	Tennis
Frisbee-golf & Ultimate	Track and field
Golf	Volleyball
Hockey	Weight training

PARTICIPATION SKILLS AND TECHNIQUES

.5 Core PE credit

Grade 9-10

Course # 7003

This course helps each student adopt a personal lifestyle that will achieve physical fitness. Specifically, students will identify and understand all of the components of fitness such as cardiovascular fitness, strength, flexibility, endurance, weight control, nutrition and stress management. The students will develop skills and knowledge in five individual sports, games and activities. *Students involved with in season sport should not take class during the same trimester*

YOGA 1 (Beginning)

.5 Core PE credit

Grades 9-12

Course #7060

This class focuses on building a foundation for beginning a yoga practice with emphasis on structural alignment and the improvement of strength, balance, and flexibility. It will deepen the student's awareness of breath and its role in generating energy and stamina in the mind and body. It will also incorporate techniques for stress relief and enhance one's physical performance across the movement spectrum and may include a variety of practice styles. This class is for all skill levels. Students will be assessed through classroom participation in yoga practice, knowledge content, teacher observation and journal writing.

YOGA 2 (Intermediate)

.5 Core PE credit

Grades 10-12

Course #

Prerequisites: Students must have passed the introductory Yoga course.

This class builds on principles taught in Yoga 1. Students will be practicing flowing, progressive postures that require more balance and concentration than the postures covered in Yoga 1. Upon completion of this course students should be able to perform a series of intermediate yoga poses with proper alignment, be familiar with and demonstrate all learned poses by vocal cues only, and demonstrate increased ability in areas of flexibility and strength. Students will be assessed through classroom participation in yoga practice, teacher observation and journal writing

Elective PE Courses

AEROBIC FITNESS (BODY CONDITIONING)

.5 Core PE credit

Grades 9-12

Course # 7011

This course provides instruction in a variety of aerobic activities. You will get your heart rate up in this class, as you learn step, floor aerobics, yoga, HITT, and various other aerobic workouts. You will have the opportunity to improve personal fitness, flexibility, and muscle tone. This class is a combination of classroom and activity-based learning activities. *Students involved with in season sport should not take class during the same trimester*

SOCIAL DANCE 1 (BEGINNING)

.5 PE or Fine Art credit

Grades 9-12

Course # 7017 girls only Course # 7018 boys only

Learn how to dance with a partner. Students will learn basic figures, technique and styling for several styles of social dance including Foxtrot, Cha-Cha, Swing and Waltz. Students will learn the skills they need and gain confidence to be able to lead and follow when dancing with a partner.

SOCIAL DANCE 2A (INTERMEDIATE)

.5 PE or Fine Art credit

Grades 10-12

Course # 7019 girls only Course # 7020 boys only

Prerequisite: successful completion of Social Dance 1

If you enjoyed beginning social dance and want to learn more and improve your social dance skills then this is the class for you. This class is designed to help students improve their styling and technique and learn more advanced steps from dances taught in the beginning course including Cha-Cha and Swing as well as new dances including Samba and NightClub Two-Step.

SOCIAL DANCE 2B (INTERMEDIATE)

.5 PE or Fine Art credit

Grades 10-12

Course # 7027 girls only Course # 7028 boys only

If you enjoyed Beginning Social Dance and want to learn more and improve your social dance skills then this class is for you. This class is designed to help students improve their styling and technique and learn more advanced stops from dance taught in the beginning course including: Mambo, Tango, West Coast Swing and the Lindy Hop.

WEIGHT TRAINING/CONDITIONING (ADVANCED)

.5 Core PE credit

Grades 11-12

Course # 7012

Prerequisite - Beginning Weights

The main purpose of this class is to teach the proper techniques in weight training. Those who take this class will build their muscular strength and endurance and learn the correct safety measures and use of weights. Emphasis will also be placed on cardiovascular activities such as running, flexibility exercises and general fitness. The prerequisite for this class is students need to have taken Beginning Weights prior to this class.

WEIGHTS - BEGINNING

.5 Core PE credit

Grades 9-12

Course # 7013

This course provides instruction aimed at improving and maintaining physical fitness and conditioning with emphasis on strength training. The main purpose is to teach the proper techniques in weight training. Those who take this class will build their strength and endurance, improve muscle tone and learn the correct safety measures and use of weights.

ATHLETIC WEIGHTS/CONDITIONING

.25 Core or elective PE credit

Grades 10-12

Course # 1st T 7050; 2nd T 7051; 3rd T 7052

Course will be offered in the morning before school hours

You will receive .25 credit for each trimester

This is an advanced fit for life type class designed to prepare athletes for their upcoming sports competition. The class will use a variety of methods to improve sports fitness, including: weight training, cardiovascular fitness, speed and agility development, and sports psychology. This is a combination of classroom-based and activity-based learning activities with a focus on students' mastery of the skills and concepts necessary to becoming independent monitors of their personal lifetime fitness.

OTHER PHYSICAL EDUCATION**CHEER SQUAD**

1 PE or Fine Art elective credit

Grades 10-12

Course # 7100, 7101

Prerequisite: Try-out

This class is for students selected to represent Ridgeline as a cheer squad member. Activities will include choreography of cheers, dances, pep rally preparation and game plans. Additional time is required outside of class. \$

DRILL TEAM (Aeriettes)

.5 PE or Fine Art elective credit

Grades 9-12

Course # 7102

Prerequisite: Tryouts

This class is for all who are members of the Ridgeline drill team. The class involves 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 be scheduled for performances and competitions. \$

LANGUAGE ARTS**ENGLISH**

Grade	Credit	Course
9	.5	English 9 Writing (required)
9	.5	English 9 Literature (required)
10	.5	English 10 Writing (required)
10	.5	English 10 Literature (required)
11	.5	English 11 Writing (required)
11	.5	English 11 Literature (required)
12	.5	Writing (English12 Writing, 1010, Creative Writing, AP English, Debate, Yearbook)
12	.5	Applied or Advanced Elective

REQUIRED ENGLISH 9 COURSES**ENGLISH 9 LITERATURE**

1 English credit

Grade 9

Course # 4004

This course is designed to provide students with opportunities to improve their reading, listening, and speaking skills. Students will read literary and informational texts, complete oral presentations, and participate in vocabulary building activities. In addition, students will expand their critical thinking skills through writing activities based on the Utah Common Core Standards for English Language Arts & Literacy.

ENGLISH 9 WRITING

1 English credit

Grade 9

Course # 4003

This course is designed to provide students with opportunities to improve their writing, grammar, and academic vocabulary skills. Students will learn how to develop ideas, write and revise multiple informational and argumentative essay drafts, gather relevant information from multiple sources, and evaluate writing. Also, students will expand their critical thinking and problem-solving skills through literary activities based on the Utah Common Core Standards for English Language Arts & Literacy.

REQUIRED ENGLISH 10 COURSES**ENGLISH 10 LITERATURE**

.5 English credit

Grade 10

Course # 4007

World Literature 10 is a one-trimester course that will introduce you to literature from a diverse group of authors from around the world, both past and present. The course is designed to give students a chance to see and respond to the unifying universal themes found in literature as presented by writers of differing times and backgrounds. In addition, students will expand their critical thinking skills through writing activities based on the Utah Common Core Standards for English Language Arts & Literacy. The course counts for .5 required Literature 10 credit and must be taken as a 10th grader. (NCAA)

ENGLISH 10 WRITING

.5 English credit

Grade 10

Course # 4006

This one-trimester course will introduce students to writing strategies necessary for academic success. Students will engage in the process of writing through critical reading and writing activities, pre- and post-writing exercises, drafting, revising, and proofreading. The course will focus on identifying audience and purpose in writing through a variety of writing assignments—creative non-fiction, writing from reading, writing to inform, and writing to persuade. Students will be introduced to MLA documentation and citation. Also, students will expand their critical thinking and problem-solving skills through literary activities based on the Utah Common Core Standards for English Language Arts & Literacy. This course is required. (NCAA)

DEBATE 1B

.5 Elective English credit

Grades 9-12

Course # 4065

This second trimester course provides an extended opportunity for students to hone their speaking and debating skills. This class offers more in-depth research, argument writing, and challenging competition. Students who plan on competing at the state level are expected to take this course. While it is beneficial to take Debate 1A previous to this course, it is not completely necessary. Students enrolled in the course are expected to compete as part of the debate team. Students must meet all completion eligibility requirements, including a minimum 2.0 GPA in the preceding trimester in order to take this class.

DEBATE 2A & B

.5 Elective English Credit

Grades 9-12

Course # 4066, 4067

Prerequisite: Students enrolled in the course MUST HAVE COMPLETED Debate 1A and/or Debate 1B. Exceptions may be made for eligible juniors and seniors upon approval by the counseling office.

This course is for students with competitive speech and/or debate experience who wish to continue expanding their expertise in their competitive areas by topic-specific research and competing in debate tournaments. In addition, students will be expected to study current events, develop speaking skills, work with novice team members, and actively participate in the National Speech Debate Association's Ridgeline Chapter. Students must meet all school and UHSAA competition eligibility requirements, including a minimum 2.0 GPA and 90% attendance in the preceding trimester in order to take this class. (NCAA)

ENGLISH 12 (WRITING)

.5 Elective English credit

Grade 12

Course # 4014

This class is designed for high school seniors hoping to enhance their writing skills in preparation for college. The class will focus on a variety of writing activities and opportunities designed to build upon prior skills. This is a great class for students who are not quite ready for English 1010 but are college bound.

ENGLISH 1010

Concurrent Enrollment 3 USU Credits

.5 Elective English credit

Grade 12

Course # 4050

Prerequisite: 3.0 GPA or Teacher/Counselor approval

English 1010 is a one-trimester class that will prepare students for academic writing at the college level. This course will engage students in critical reading, thinking, responding, and writing. Students are required to buy their own textbooks, encouraged to spend time before and after school in teacher/student writing conferences, and participate in the USU Writing Center. This class will result in credit and a grade on the student's permanent college transcript, so only students that are prepared to do college-level work should register for this class. (NCAA)

ENGLISH 2200

Concurrent Enrollment 3 USU credits

.5 Elective English credit

Grade 12

Course # 4051

Prerequisite: 3.0 GPA or Teacher/Counselor approval

This one-trimester university class counts for 3 semester hours toward general education humanities at most universities that accept credit from Utah State University. In this course, students will read classics from a variety of literary periods and cultures. Students will explore issues and concepts from the literature and make connections according to their own knowledge and experience. Students will be required to pay a recording fee and buy their own books. (NCAA)

FILM: HISTORY, TECHNIQUE & ANALYSIS

.5 Elective English or Fine Art credit

Grades 10-12

Course # 4200

This elective, one-trimester course provides students with a basic introduction to the art of film and history. While enrolled in this course, students will gain the ability to understand the meaning(s) of cinematic works. Students will be able to justify meaning through analysis of cinematic works, artistic, and literary moves made by the director. This analysis will be based through topics including (but not limited to) terminology, technique, and literary comparison. Students will be expected to produce their findings through class discussion and writing. Students may have the opportunity to create their own films.

HUMANITIES A (USU 1320 CE option)

.5 Elective English or Social Studies or Fine Art credit Grades 11-12 Course # 4026

In Humanities, students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Areas of focus in this course will include philosophy, literature, music, and a major focus on visual art history. This course will survey mankind's artistic creations from the dawn of time and will approach modern day. This course is perfect for any student seeking an appreciation of the arts and an understanding of our artistic past. (NCAA)

YEARBOOK – JOURNALISM A, B, and C

.5-1.5 Elective English credit Prerequisite: 2.0 GPA Grades 11-12 Course # 4043 (A), 4044 (B), 4045 (C)

This one, two or three trimester class introduces students who are interested in working on the school newspaper to the elements of reporting, copywriting, and layout design. It also includes ethical reporting, editing, computer layout design and photography. Students will be responsible for producing the school yearbook and writing newspaper articles. Students must take A or B in order to take C.

MYTHOLOGY: FOLKLORE AND FOLKLIFE

.5 Elective English credit Grades 11-12 Course # 4038

This one-trimester course introduces students to folklife and folklore with a special emphasis on supernatural and fieldwork. Students will learn about various genres in folklore and will analyze them critically through writing and discussion. Students will read, listen to and tell traditional and contemporary stories. Students will learn how to conduct interviews as well as transcribe and document audio recordings. These processes will be used for preparation of a final project that may be archived at Utah State University's Special Collections.

NOVELS AND SHORT STORIES (and FILM)

.5 Elective English credit Grades 11-12 Course # 4029

This class is for the student who enjoys reading or would like to enjoy reading. Students will individually select some of the novels read, while other class novels and short stories will be selected for high interest as well as literary content. Nightly and weekend reading will be required.

SCIENCE FICTION/FANTASY LITERATURE

.5 Elective English credit Grades 9-12

This course is designed to increase the students' knowledge and understanding of the literary genres of Science Fiction and Fantasy. Through the study of literature (novels and short fiction) as well as relevant and appropriate media, students will study the full spectrum of the Science Fiction field from its history to future trends. We will study what Science Fiction and Fantasy say about being human and the effects science and technology have on us as individuals and as a society. This course is reading intensive and writing heavy– be ready to intake many stories, process them, and then create and write about them. Individual research will be required, so be ready to lead yourself to discovery. Group projects and class presentations are also a significant part of this course, so be ready to be social. This course is for students who marvel at the possibilities of both science *and* magic and are not afraid to ask: "What if?"

SPORTS LITERATURE (and FILM)

.5 Elective English credit Grades 10-12 Course # 4033

This elective, one trimester course is designed to survey sports in literature, and the relationship of sports to life – as seen through the eyes of contemporary and classic writers. The class will sample novels, short stories, essays, poetry, and the study of film. Students will also be required to do a substantial amount of writing and researching.

USU 1320: HUMANITIES (BHU)

.5 English, Social Studies, or Fine Art Credit Grades: 11-12 Course #4026

Prerequisite: 3.0 GPA or Teacher/Counselor approval

In Humanities, students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Areas of focus in this course will include philosophy, literature, music, and a major focus on visual art history. This course will survey mankind's artistic creations from the dawn of time and will approach modern day. This course is perfect for any student seeking an appreciation of the arts and an understanding of our artistic past. (NCAA)

MATHEMATICS

	Option 1 Regular	Option 2 PLUS	Option 3 PLUS Accelerated
9th	Secondary Math 1 A,B,C	Secondary Math 1 - PLUS A,B	Secondary Math 1 - PLUS A,B
10th	Secondary Math 2 A,B,C	Secondary Math 2 - PLUS A,B	Secondary Math 2 -PLUS A,B and Secondary Math 3 - PLUS (Blocked)A,B
11th	Secondary Math 3 A,B or an Applied Course with Parental Permission	Secondary Math 3 - PLUS A,B	AP Calculus A,B,C and/or AP Statistics A,B
12th	Any Advanced or Applied Course (except AP Calculus)	Any Advanced or Applied Course preferably AP Calculus or AP Statistic	AP Calculus or AP Statistics (whichever one you didn't take your 11th grade year)

SECONDARY MATH CLASSES

SECONDARY MATH 1 A, B & C

1 Math credit and 0.5 elective credit

Grade 9

Course # 5303, 5304, 5305

The fundamental purpose of Mathematics 1 is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. (NCAA)

SECONDARY MATH 1 – PLUS A&B

1 Math credit

Grade 9

Course # 5333, 5334

The fundamental purpose of Mathematics 1 is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. Honors extends the Mathematics 1 course by including introductions in matrices, vectors and logic. The final unit in the course ties together the algebraic and geometric ideas studied. (NCAA)

SECONDARY MATH 2 A, B & C

1 Math credit and 0.5 Elective credit

Grade 10

Course # 5306, 5307, 5308

Prerequisite: Secondary Math 1

Students in Secondary Mathematics 2 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. (NCAA)

SECONDARY MATH 2 – PLUS A&B

1 Math credit

Grade 10

Course # 5336, 5337

Prerequisite: Secondary Math 1 – Honors

Honors students will represent complex numbers and their operation on the complex plane, solve systems of equations, prove and apply trigonometric identities, express conic sections algebraically, and solve problems using volume measurements, in addition to all that is listed in Secondary Math 2. (NCAA)

SECONDARY MATH 3 – PLUS (BLOCKED) A&B

1 Math credit

Grade 10

Course # 5342, 5343

Prerequisites: Secondary Math 2 – Honors

This course is an ACCELERATED method of teaching Secondary Math 3 - Honors. Students will need to have taken Secondary Math 2 – Honors 1st and 2nd trimesters of their 10th grade year and then 3rd trimester of the same year they will take the Secondary Math 3 – Honors (blocked). The Blocked course will be offered two hours in a row and will cover the entire Math 3 course in one trimester. This will allow students to take AP Calculus and AP Statistics in different school years. Only students who plan to take both AP Calculus and AP Statistics in high school should enroll in this course. This course is not designed for a student to finish math core classes earlier in their high school experience. It is only for those planning to take advanced classes beyond Math 3 their junior and senior years. (NCAA)

SECONDARY MATH 3 A&B

1 Math credit

Grade 11

Course # 5309, 5310

Prerequisite: Secondary Math 2

Students will pull together and apply the accumulation of learning they have from previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data, expand their repertoire of functions to include polynomial, rational, and radical functions, expand their study of trigonometry to include general triangles, and use functions and geometry to create models and solve contextual problems. If a student chooses to take an applied course instead of Math 3, a permission form must be signed by the student's parent/guardian. (NCAA)

SECONDARY MATH 3 – PLUS A&B

1 Math credit

Grade 11

Course # 5338, 5339

Prerequisite: Secondary Math 2 – Honors

Honors students will use logarithmic and trigonometric functions using the unit circle, and prove trigonometric identities, in addition to all that is listed in Secondary Math 3. Students completing Secondary Mathematics 1, 2, and 3 – Honors will be prepared to enroll directly into AP Calculus. (NCAA)

ADVANCED MATH COURSES**AP CALCULUS (AB)**

1.5 Math credit

Grades 11-12

Course # 5026, 5027, 5028

Prerequisite: Secondary Math 3 - Honors

Calculus is the branch of mathematics that provides methods of solving two classes of problems: (1) Finding the rate at which a variable quantity is changing. (2) Finding a function when its rate of change is given. This course consists of two trimesters of work in Calculus and related topics comparable to one semester course in colleges and universities. The third trimester will be devoted to reviewing and preparing students to take the AP Calculus AB exam which is given in May. (NCAA)

AP STATISTICS

1 Math credit

Grades 11-12

Course # 5030, 5031

Prerequisite: Math 3 or Math 3-Honors

The purpose of this course is collecting, representing, graphing, and analyzing data. Students should gain appreciation for the value of statistical analysis and not reject the claim because it allows counter examples. You will also learn how to make connections between numerical, algebraic, and graphical representations. Time will be spent preparing students to take the AP Statistics exam which is given in May. (NCAA)

MATH 1050

Concurrent Enrollment 4 USU Credits

.5 Math credit

Grade: 12 only

Course # 5024

Prerequisite: Completion of Math 1, 2 and 3 with a "C" average or better and Math ACT of 23 or higher or Math ALEKS placement score of 46 or higher

College level course at an ACCELERATED pace. Students will be expected to purchase a textbook and it is required that they have a graphing calculator (which can be rented from the school). Topics taught will include: graphing, functions – including but not limited to linear, polynomial, rational, exponential, and logarithmic, equations, inequalities, and systems of equations. Upon successful completion, students will earn four semester credits from USU. If a student plans to take Calculus in high school, they should not take this class. (NCAA)

MATH 1060

Concurrent Enrollment 2 USU Credits

.5 Math credit

Grades: 12 only

Course # 5025

Prerequisite: Completion of Math 1, 2 and 3 with a "C" average or better and Math ACT of 23 or higher or Math ALEKS placement score of 52 or higher or completion of Math 1050 with a C- or better.

Math 1060 is a college level class. It is required that they have a graphing calculator (which can be rented from the school.). The course of study will be trigonometry. Upon successful completion, students will earn two semester credits from USU. If a student plans to take Calculus in high school, they should not take this class. This course can be taken concurrently or before Math 1050. (NCAA)

PRECALCULUS A & B

1 Math credit

Grades 12

Course # 5022, 5023

Prerequisite: Secondary Math 3

This course provides a thorough preparation for the study of Calculus, and other courses that normally follow Precalculus. Traditional topics from College Algebra, Trigonometry, and Analytic Geometry will be included. Topics included; functions, polynomials, exponents, logarithms, trig functions, circular functions, trig identities, graphing, systems, and analytic geometry. Students who took the Honor track do not need this course unless they earned lower than a "C". (NCAA)

STAT 1040

Concurrent Enrollment 3 USU Credits

.5 Math credit

Grades: 12 only

Course #5208

Prerequisite: Completion of Math 1, 2 and 3 with a "C" average or better

Statistics is the collection, display, and analysis of data; it is the art of making wise decisions in the face of uncertainty. The purpose of this class is to teach you how to think critically about data, how it was collected and analyzed, and its uses in addressing interesting questions. Descriptive and inferential statistical methods will be studied with an emphasis on conceptual understanding and statistical thinking. Examples presented from many different areas. (NCAA)

APPLIED MATH COURSES

ACCOUNTING 1 or BUSN 1111

(BUSN 1111 is a Concurrent Enrollment course – 3 USU credits)

.5 Technical or .5 Math credit

Grades 10-12

Course # 8364

Accounting is known as the language of business! The accounting procedures and business concepts presented in this course will help prepare students for college, future employment and for handling personal finances. Topics will include payroll, the accounting cycle, journalizing and posting transactions, compiling financial statements, payroll systems, and cash management. Computerized accounting will be incorporated into the curriculum. This course counts for either .5 Technical credit or Math credit.

ACCOUNTING 2 or BUSN 2800

(BUSN 2800 is a Concurrent Enrollment course – 3 USU credits)

.5 Technical or .5 Math credit

Grades 10-12

Course # 8365

Prerequisite: Accounting 1

Students will develop advanced skills that build upon those acquired in Accounting I. Additional accounting topics will include special journals, notes and interest, ethics, depreciation, types of business ownership, and interpreting financial information. Computerized accounting will again be incorporated into the curriculum. This course counts for either .5 Technical credit or Math credit.

COMPUTER PROGRAMMING 1

.5 Technology or Elective Math credit

Grades 9 -12

Course # 8725

Suggested prerequisite: Exploring Computer Science

Programming 1 introduces students to the concepts, fundamentals, and problem-solving skills of computer programming using the Python programming language. Students will learn to design, code, and test their own programs while applying mathematical concepts and higher-level thinking skills.

COMPUTER PROGRAMMING 2 (CS 1400)

Concurrent Enrollment 3 USU Credits

.5 Technology or elective Math credit

Grades 9 -12

Course # 8726

Prerequisite: Computer Programming 1A

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 using classes, advanced GUI techniques, and applications of recursion through the application of mathematical concepts.

MATHEMATICS OF PERSONAL FINANCE A & B

1 Math credit or .5 Math and .5 Financial Literacy Grade 11-12

Course # 5200, 5201

Prerequisite: Secondary Math 2

This course will teach mathematics and personal finance that are essential for students who will assume roles as consumers, money managers and members of a global workforce. If interested in taking this class for the Financial Literacy requirement, you must take both trimesters and let the teacher know, otherwise the class will count as a Math credit.

INTRODUCTION TO DATA SCIENCE A & B

1 Math credit

Grade 11-12

Course # ????, ????

Prerequisite: Secondary Math 2

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.

RELEASED TIME

RELEASED TIME A - Course # 0551

RELEASED TIME B - Course # 0552

SCIENCE

A total of 2.0 credits from two of the four areas of Science on the Foundations Courses list plus 1.0 credit from the Foundation Courses list or Applied and Advanced Courses list.

Foundation Courses:			
BIOLOGY <ul style="list-style-type: none">• AP Biology• Biology• Biology 1010• Agriculture Biology	CHEMISTRY <ul style="list-style-type: none">• Chemistry• Chemistry 1010	COMPUTER SCIENCE <ul style="list-style-type: none">• Computer Science Principles	PHYSICS <ul style="list-style-type: none">• AP Physics• Physics• PHYSICS 1010
Applied or Advanced Courses:			
Agricultural Science Anatomy and Physiology Animal Science Astronomy	Botany Electronics Environmental Science Equine Science	Genetics Medical Anatomy and Physiology Robotics Veterinary Assistant	

FOUNDATION CLASSES

AGRICULTURE BIOLOGY

1 Core Science or 1 Technical credit

Grades 9-12

Course # 8026, 8027

Agriculture Biology is a core biology class that uses agricultural examples to teach the following biology principles: Cell Structure & Function, Mitosis, Plant Anatomy/Physiology, Scientific Process, Genetics, Evolution, Cellular Reproduction, Animal Anatomy/Physiology, Ecosystems. Students interested in animals/agriculture and/or would like to be a member of the FFA should take this Biology class. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to the state core requirements. CIP 02.0112 (NCAA)

BIOLOGY

1 Core Science credit

Grades 9-12

Course # 3010, 3011

This course is designed to provide students with a thorough background in general biology concepts through activities, class discussion, and lab experiences. Passing Biology A is a prerequisite for moving on to Biology B. Completion of this course will give the student a sound understanding of the basic biological principles and prepare them for further science instruction, as well as Biology 1010 or AP Biology. (NCAA)

CHEMISTRY

1 Core Science credit

Grades 10-12

Course # 3030, 3031

Prerequisite: Sec Math 1 & a scientific calculator

Chemistry is designed for all students, in particular those students preparing to attend college. The objective of the class is to give students a solid understanding of the principles and concepts of an introductory level chemistry class. Topics will emphasize the basic structure of matter and the interactions and reactions it may experience. Passing Chemistry A is a prerequisite for moving on to Chemistry B. This class is a prerequisite for Chemistry 1010/AP and Biology 1010/AP. (NCAA)

PHYSICS

1 Core Science credit

Grades 9-12

Course # 8184, 8185

Physics is fundamental to every major technological innovation of the past century. Physics is the science which has brought our world wireless communication, digital cameras, rockets, and electrostatic sprayers to name just a few such innovations. Physics provides critical thinking skills which are beneficial no matter your post high school training and employment. Physics explores the foundational principles of forces, energy, wave, and fields--both electrical and gravitational. Students analyze and interpret data to determine cause and effect relationships. Additionally, students design and evaluate solutions to problems which exist in these areas. (NCAA)

APPLIED OR ADVANCED SCIENCE

AGRICULTURAL SCIENCE 1 A & B

1 Technical or Elective Science credit

Grades 9

Course # 8028, 8034

This class is especially for freshmen! Students are introduced to all aspects of agriculture including: plants, animals, natural resources, food, and opportunities available in FFA. CIP 01.03118 livestock production industries such as beef, sheep, dairy, and swine industries. Learning activities are varied with classroom, laboratory, and field experiences emphasized. This class is part of an integral agriculture program. Participation with the FFA Organization is highly encouraged and taught according to the state core requirements.

ANIMAL SCIENCE 1

1 Technical or Elective Science credit

Grades 10-12

Course # 8032, 8033

This is a two-trimester course in which students will learn about a wide range of scientific principles as related to livestock and companion animals. Scientific topics will include: genetics, anatomy, physiology, nutrition, disease, pests, and management practices. Students will be exposed to the various livestock production industries such as beef, sheep, dairy, and swine industries. Learning activities are varied with classroom, laboratory, and field experiences emphasized. This class is part of an integral agriculture program. Participation with the FFA Organization is highly encouraged and taught according to the state core requirements.

ANIMAL SCIENCE 2

1 Technical credit or Elective Science credit

Grades 10 -12

Course # 8039, 8040

Prerequisites: Animal Science 1

This is a 2-trimester course in which 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. Participation with the FFA Organization is highly encouraged and taught according to the state core requirements.

AP BIOLOGY

1.5 Core Science credit

Grades 10-12

Course # 3016, 3017, 3021

Suggested: 3.0 GPA, Completion of Biology or Chemistry or Agricultural Biology

This class is a comprehensive, full-year course in Biology for students planning to attend college. Standards and instruction are comparable to a university class. The course uses a college text and emphasizes use of models, experimentation, and lecture/discussion. Students learn to collaborate as members of a group and use knowledge of biology to solve problems. At the end of the year each student may choose to take the AP examination. (NCAA)

AP ENVIRONMENTAL SCIENCE

1 Core Science credit

Grades 11-12

Course # 3052, 3053

The AP Environmental Science course is an excellent option for any interested student who has completed two years of high school science. Experiences in both the laboratory and the field provide students with important opportunities to test concepts and principles that are introduced in the classroom and explore specific problems in a "real world" setting. AP Environmental Science is for highly qualified college-bound students with an interest in environmental issues. These are students who plan to major in science in college and want to understand how science can be used to solve environmental problems, students who are not likely to major in science in college but who want to be a part of solving environmental problems, students who want something more than straight biology or chemistry, and students who have a deep concern about the earth. \$15.00 lab fee (NCAA)

AP PHYSICS: Mechanics

1.5 Core Science credit

Grades 11-12

Course # 3060, 3061, 3062

This course covers Newtonian mechanics and provides instruction in each of the following content areas: kinematics, laws of motion, work, energy, power, systems of particles, linear momentum, circular motion and rotation, oscillations, and gravitation. AP physics is designed to provide students with a learning experience equivalent of a calculus-based college physics course which includes a laboratory component. Introductory calculus is used throughout the course and on the AP Physics C: Mechanics exam. Consequently, students are encouraged to be enrolled in AP Calculus--although it is not required.

The following Astronomy courses are two separate classes. You do NOT need to take one before the other. You could take the courses simultaneously if your schedule permits.

ASTRONOMY: The Universe

.5 Elective Science credit

Grades 9-12

Course # 3054

Investigating the age-old question of "are we alone" in the universe serves as the basis for this course. Students will learn their way around the northern night sky. Some of the other topics which will be covered are the scale of the universe, telescopes, life cycle and classification of stars, galaxies, and other celestial objects beyond our Solar System. The possibility of time travel and extraterrestrial life will also be explored as we consider the probability of whether or not we are alone. (NCAA)

ASTRONOMY: Space Explorations

0.5 Elective Science credit

Grades 9-12

Course # 3058

This course surveys humankind's efforts to explore space through both unmanned and manned missions with emphasis on NASA missions. Students will discover the scale of Earth orbits and how celestial objects have been observed through satellite flybys, spacecraft landings, and human explorers. This course will also investigate what it takes to be a space adventurer through classroom activities and experiences of veteran astronauts as we explore the benefits of space exploration. (NCAA)

BIOLOGY 1010

.5 Core Science credit

Grades 11-12

Course # 3016

This course provides an overview of a broad range of topics in biology. You will gain a better understanding of the world around you and how biology affects you. What causes cancer? How do our bodies use the food we eat to live? There should be something for everyone! You will gain factual knowledge as well as a broader understanding of biological concepts and the nature and process of science itself. (NCAA)

BOTANY

.5 Elective Science credit

Grades 11-12

Course # 3020

In this unique, outdoor course, students will learn landscape design, construction and maintenance of backyard habitats including water features, native plant identification, selection and propagation, soils, specialty gardens, beneficial insects, weed control, composting, attracting birds and wildlife, and water quality. Students will learn how to incorporate low water use designs and plants into their backyard habitats. (NCAA)

CHEMISTRY 1010

Concurrent Enrollment 3 USU credits

.5 Core Science credit

Grades 11-12

Course # 3034

Prerequisite: 3.0 GPA or counselor approval, Secondary Math 1 and Chemistry A&B

Chemistry 1010 is a general college class that covers most of the concepts of chemistry that have an application to daily situations. It is a great option for students needing to fill a general physical science requirement at the college level and for anyone interested in upper level chemistry. Grades will be almost entirely from examinations. This class will result in credit and a grade on the student's permanent college transcript, so only students that are prepared to do college-level work should register for this class. There is a \$15 credit fee to USU and cost of the textbook. (There is no lab for this class) (NCAA)

COMPUTER SCIENCE PRINCIPLES

Concurrent Enrollment 3 USU Credits CS 1030

.5 Technology or Science credit

Grades 9-12

Course #8732

This course is a rigorous, entry-level course that places emphasis on the principles of computer science as students develop a programming project. The course teaches a broad range of foundational topics such as creativity, abstraction, data, algorithms, programming, the Internet, digital privacy and security, and the societal impacts of computing.

ENVIRONMENTAL SCIENCE

1 Elective Science credit

Grades 11-12

Course # 3050, 3051

Prerequisite: General Biology

This course is designed for students who have completed their core science requirements and want to have a greater understanding of the role humans play in the care and management of Earth. The course involves subjects such as world population, alternative energy, natural resources, wildlife, water and air quality, and environmental ethics. Field research will be an integral part of the class and field trips are required. Students interested in the following careers should consider this elective course: journalism, environmental law, environmental engineering, bio remediation, natural resource management, forestry, wildlife, fisheries, biology, land management, game conservation, and waste management. (NCAA)

EQUINE SCIENCE

.5 Technical or Elective Science credit

Grades: 10-12

Course # 8037

This course provides the opportunity for students to explore the field of equine science. Core curriculum includes: Equine science careers, horse anatomy and physiology, nutrition and feed rations, equine diseases and parasites, general care and maintenance, genetics, reproduction, behavior/training principles, and horse judging. This class is part of an integral agriculture program. Participation with the FFA organization is encouraged and taught according to the state core requirements.

GENETICS

.5 Elective Science credit

Grades 10-12

Course # 3018

Prerequisite: Biology or Chemistry

This elective science course is designed for any student who would like a greater understanding of genetics. We will expand upon the genetics foundation covered in Biology, but this course is open to any student who has completed Biology, Agricultural Biology or Chemistry. This course involves subjects such as structure and function of DNA and RNA, epigenetics, factors which affect genes, inheritance patterns, and how each of these relate to or affect evolution, with a possible student generated final unit.

GEOLOGY 1060

.5 Elective Science credit

Grades 11-12

Course **Broadcast**

Introduces plate tectonics, minerals, rocks, water resources, geological hazards, internal and external geologic processes, and a geologic history of the earth. (NCAA)

MEDICAL ANATOMY/PHYSIOLOGY/MED TERM

1.5 Technical or Elective Science credit

Grades 11-12

Course # 8331, 8332, 8333

This full-year course is designed to give students an in-depth overview of health careers. The students will study medical terminology, introductory physiology and anatomy, ethics, patient psychology, death and dying, diseases and disorders, and first aid.

NDFS 1020 (Nutrition)

.5 Technical or Elective Science credit

Grade 11-12

Course # 8141

Prerequisite: 3.0 GPA

NDFS 1020 is a Life Science course focusing on the science and application of human nutrition. This course is required for all nursing students and is a general education course required at many universities. This course includes information on the science of foods, chemical structure, understanding of the nutrient intake and diet planning guidelines, nutrients, metabolism, life cycle nutrition and consumer concerns about foods. This course is designed for serious, advanced students who are responsible, committed, and focused. \$

ROBOTICS 1

.5 Technical or Elective Science credit

Grades 9-12

Course # 8539

This is a lab-based, hands-on curriculum where students will learn to design, build, program and control robotic devices. It combines electrical, mechanical and engineering principles. A study and application of electrical concepts will include sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators. Engineering concepts will include: mechanical design, prototype development, design testing, programming, and proper engineer documentation.

SOCIAL STUDIES

The Social Studies Department offers social studies required and elective courses to broaden a student's knowledge of country and self. Three credits of Social Studies courses are required for students to graduate. Students should adopt the following program:

Basic Social Studies Minimum (2.5 required, .5 elective)		
Grade	Credit	
9	.5	World Geography
10	.5	Ancient World History <i>or</i> Modern World History
11	1.0	U.S. History
12	.5	American Government
10-12	.5	Elective Credits from the list below.

Electives and Advanced Preparation Options		
Grade	Credit	
10-12	.5	<i>Both</i> Ancient <i>and</i> Modern World History can be taken, which would complete the 10 th grade requirement and also complete the elective social studies requirement.
10-12	1.5	A.P. European History (Covers the World History requirement.)
11-12	1.5	A.P. US History (Covers the US Studies requirement and also completes the elective social studies requirement.)
11-12	.5	Humanities A, B, or C
11-12	.5	Sociology
11-12	.5	Psychology or Psychology 1010
11-12	1.5	A.P. US Government and Politics/Comparative Government (Fulfills the .5 American Government requirement and the elective social studies requirement.)
11-12	.5	Current Events & Media

*Students desiring "Honors" status will have to fulfill additional objectives during the regular course of instruction; Honors designation will then be applied to the student record upon the successful completion of the course.

GEOGRAPHY REQUIREMENT

WORLD GEOGRAPHY

.5 Geography credit

Grade 9

Course # 6003

World Geography is designed to introduce students to the world of geographic study. This course will focus on the study of where things are located, why things are located in particular places, and how these places influence our lives. These questions will be answered by emphasizing five geographical themes: location, place, interaction, movement and regions. All materials and themes throughout the course will be supplemented with current events.

WORLD HISTORY REQUIREMENT

ANCIENT WORLD HISTORY

.5 Ancient History credit

Grade 9-12

Course # 6005

Ancient World History introduces the student to the study of the past beginning with early man and ending just before the Renaissance.

MODERN WORLD HISTORY

.5 World History credit

Grades 9-12

Course # 6006

Students will study world history from the Renaissance to the 21st century. Historical perspectives will be provided for today's major world events by understanding their background and causes. The spread of western ideas and the meeting of diverse cultures will be explored. (NCAA)

AP EUROPEAN HISTORY

.5 required World History credit and 1 Elective Soc Studies credit Grade 10*; 11-12* Course # 6007, 6008, 6009

This advanced-learning class requires enrollment for all three trimesters. The goals of the class are to develop an understanding of principal themes in modern European history, an ability to analyze historical evidence, and an ability to analyze and express historical understanding in writing. Students may gain 6 semester hours of credit when they pass the AP European Exam in May (approx. \$100 test fee). Most universities all over the United States accept this credit depending on the student's exam score. This course will satisfy the Ancient World History and Modern World History requirements, plus offer an additional elective credit. *Grade 10 & 12 recommended.

US STUDIES REQUIREMENT

AP US HISTORY

1.0 required U.S. Studies credit and .5 elective Soc Studies credit Grades 11-12 Course # 6014, 6015, 6016

This advanced-learning class requires enrollment for all three trimesters. Students will gain a great deal of knowledge about United States history as well as become proficient at reading and persuasive writing. They will become more interested about what is currently happening in the United States because they will understand the past and America's unfolding story. This course satisfies the state US Studies requirement of 1 year and an additional .5 elective credit. Students may gain 6 semester hours of credit when they pass the AP American History Test in the spring (\$100 test fee). Universities all over the United States will accept this credit dependent on the student's score. (NCAA)

US HISTORY

1 required U.S. Studies credit Grade 11 Course # 6010, 6011

Divided between two trimesters, the U.S. History class explains the history of our country so that students will become well informed citizens and understand their society. First trimester continues from the material students learned in 8th grade into the Twentieth Century. Second trimester starts with WWII and follows through to current events. This course is required by the State of Utah for all 11th grade students. (NCAA)

AMERICAN GOVERNMENT REQUIREMENT

AMERICAN GOVERNMENT

.5 required Am. Gov. credit Grade 12 Course # 6024

Students in this course will study the philosophies of government and law, the Constitution and Bill of Rights, the American political and legal systems, and the responsibilities of citizenship. The course will provide application of knowledge in the areas of law, justice, rights, and governmental functions to encourage participation in the governing of our nation. Emphasis will be given to ways the student can become an active, concerned, and knowledgeable citizen. (NCAA)

AP US GOVERNMENT AND POLITICS / COMPARATIVE GOVERNMENT AND POLITICS

.5 required Am. Gov. and 1 elective Soc Studies credit Grades 11-12 Course # 6032, 6033, 6034

This three-trimester course is designed to give students a critical perspective on politics and government in the United States as well as gain an appreciation for our form of government. Students will hear both sides of major crises facing our country and the world. The second half of the year will focus on international politics. In May students may take both AP tests and earn college credit. (\$100 fee for each test). Students may also take the Comparative Government AP test (\$82) and gain an additional 4 semester credits if they pass. (NCAA)

POLITICAL SCIENCE 1100

Concurrent Enrollment 3 USU credits

.5 Elective Social Studies Grades 11-12 Course # 6025

Prerequisite: 3.0 GPA or teacher/counselor recommendation

U.S. Constitution, political parties and elections, interest groups, Congress, president, bureaucracy, courts, and civil rights and liberties. This course meets the Americanization requirement. (NCAA)

ELECTIVE SOCIAL STUDIES COURSES

CONSTITUTIONAL GOVERNMENT & LAW

.5 Elective Social Studies Credit Grades 11-12 Course #

Elective course which explores the issues of both comparative and U.S. Government. Extensive reading, writing, and analysis are stressed. The course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. History Elective Course that analyzes the Constitution through the study of Supreme Court cases and mock trials.

CURRENT ISSUES & MEDIA

.5 Elective Social Studies Credit Grades 11-12 Course # 6530

Students will study the events happening around the world that affect their everyday lives and will have an in-depth understanding and appreciation of those events. This elective course focuses on economics, government, conflict, world, national, state and local issues. This course will include the study of the media and its importance and impact. Students will learn how to research multiple sources and become educated consumers of information.

ECONOMICS 1500

Concurrent Enrollment 3 USU Credits

.5 Technical or Social Studies credit

Grades 11-12

Course # 6051

Prerequisite 3.0 GPA or Teacher/Counselor approval

This class fulfills one of the American Institutions general education breadth requirements at USU. This course is a prerequisite for many other higher-level courses and is required for ALL business majors at USU. Economic relationships between individuals, businesses, and government will be studied. This class will also analyze major economic institutions, consumer markets, business organizations, money and banking, domestic and international trade, and taxation. Concurrent Enrollment fees apply.

HISTORY 1700 – AMERICAN CIVILIZATION

Concurrent Enrollment 3 USU credits

.5 Elective Social Studies credit

Grades 11-12

Course 6012

Prerequisite: US History A and B and 3.0 GPA or teacher/counselor recommendation

Fundamentals of American civilization. Covers history, political system, and economic institutions of the United States. Fulfills American Institutions requirement.

HUMANITIES (USU 1320 CE option)

.5 Elective English or Social Studies or Fine Art credit

Grades 11-12

Course # 4026

NHS, NCAA

In Humanities, students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Areas of focus in this course will include philosophy, literature, music, and a major focus on visual art history. This course will survey mankind's artistic creations from the dawn of time and will approach modern day. This course is perfect for any student seeking an appreciation of the arts and an understanding of our artistic past. (NCAA)

PSYCHOLOGY

.5 Elective Soc Studies credit

Grades 10-12

Course # 6020

This course will introduce the student to the study of parapsychology, learning, personality, intelligence, frustration, coping mechanisms and abnormal psychology. At the completion, students should have a better understanding of their own and other people's behavior. (NCAA)

PSYCHOLOGY 1010

Concurrent Enrollment 3 USU credits

.5 Elective Social Studies credit

Grades 11-12

Course # 6052

Prerequisite: 3.0 GPA or teacher/counselor recommendation

In this course, students learn about how our mental processes shape our behaviors. Students will learn better interpersonal skills, why we perform certain behaviors, how to utilize our memory more efficiently, and more psychological concepts they can apply to their lives. This course is commonly taken by university students in fulfillment of their general education requirements and is typically required of all university students. Upon successful completion of this course, the student will earn 3 semester credits on a USU transcript. This college course may be delivered via broadcast. (NCAA)

SOCIOLOGY

.5 Elective Social Studies credit

Grades 11-12

Course # 6021

Sociology offers a study of human relationships in society. It will help students to better analyze society and everyday events through the sociological perspective, to increase their social knowledge, and to develop critical thinking skills. Major subject areas include social groups, crime, marriage, poverty, social stratification, American society, aging, cultural variation, family, mass media, collective behavior, deviance, discrimination, etc. (NCAA)

TECHNICAL

One and a half technical credits are required for students to graduate. Students must take a required Digital Studies course for one-half credit. Any of the following courses satisfy this requirement; the other technical credit may be earned by taking any technical classes. Students should select classes that correspond with their educational plans and career goals.

Grade	Credit	Course
9-10	.5	Below are the Digital Studies Courses: Business Office Specialist Computer Science Principles Programming 1 Web Development
9-12	1	ANY Technical Class

AGRICULTURAL SCIENCE

AGRICULTURE BIOLOGY

1 Technical or 1 Core Science credit

Grades 9-12

Course # 8026, 8027

Agriculture Biology, is a 2 trimester, core biology class that uses agricultural examples to teach the following biology principles: Cell Structure & Function, Mitosis, Plant Anatomy/Physiology, Scientific Process, Genetics, Evolution, Cellular Reproduction, Animal Anatomy/Physiology, Ecosystems. Students interested in animals/agriculture and/or would like to be a member of the FFA should take this Biology class. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to state core requirements.

AG SYSTEMS TECHNOLOGY 1A & 1B (Ag Mechanics and Welding 1)

1 Technical Elective credit

Grades: 9-12

Course # 8000, 8001

This is a 2-trimester class where students will learn basic skills related to welding and agricultural mechanics. Students will develop skills in the areas of working hot and cold metal including welding processes such as oxy/acetylene, shielded metal arc welding, gas metal arc welding (MIG), and project construction. Students will also learn to maintain, repair and operate small gas engines. Additional basic skills are taught including: plumbing, painting, measurements, and tool identification. Emphasis will be placed on safety and proper use of tools and equipment. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to state core requirements.

AG SYSTEMS TECHNOLOGY 2A & 2B (Ag Mechanics and Welding 2)

1 Technical Elective credit

Grades: 10-12

Course # 8002, 8003

Prerequisites: Ag Systems Technology 1

This 2-trimester course teaches students advanced techniques in welding processes including out of position welds, and advanced metal fabrication techniques. Additional skills will be taught in equipment management involving basic tractor maintenance and repair, tire maintenance, cooling systems, drive assemblies, and hydraulic systems. Additional skills may be taught including working with concrete, AC, and DC currents and battery maintenance. Emphasis will be placed on safety and quality workmanship. This class is part of an integral agriculture program. Participation with the FFA Organization is highly encouraged and taught according to the state core requirements.

ADVANCED AGRICULTURAL MECHANICS

.5 Technical Elective Credit

Grades 11-12

Course #

Prerequisites: Ag Systems Technology 1 A & B & Ag Systems Technology 2 A & B

This is a 1- trimester course This capstone course is a part of a pathway sequence of courses in agricultural mechanics. This course prepares individuals for employment in careers that repair, maintain, or restore agricultural machinery and equipment. Students will be required to have a personal project for this course.

AGRICULTURAL SCIENCE 1 A & B

1 Technical or Science Elective credit

Grades 9-12

Course # 8028, 8034

This class is especially for freshmen! This is a 2- trimester course. Students are introduced to all aspects of agriculture including: plants, animals, natural resources, food, and opportunities available in FFA.

ANIMAL SCIENCE 1 A & B

1 Technical credit or Elective Science credit Grades 10 -12 Course # 8032, 8033

This is a 2-trimester course in which students will learn about a wide range of scientific principles as related to livestock and companion animals. Scientific topics will include: genetics, anatomy, physiology, nutrition, disease, pests, and management practices. Students will be exposed to the various livestock production industries such as beef, sheep, dairy, and swine industries. Learning activities are varied with classroom, laboratory, and field experiences emphasized. This class is part of an integral agriculture program. Participation with the FFA Organization is highly encouraged and taught according to the state core requirements.

ANIMAL SCIENCE 2 A & B

1 Technical credit or Elective Science credit Grades 11 -12 Course # 8039, 8040

Prerequisites: Animal Science 1

This is a 2-trimester course in which 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. Participation with the FFA Organization is highly encouraged and taught according to the state core requirements.

EQUINE SCIENCE

.5 Technical or Science credit Grades: 9 -12 Course # 8037

This 1-trimester course provides the opportunity for students to explore the field of equine science. Core curriculum includes: Equine science careers, horse anatomy & physiology, nutrition & feed rations, equine diseases and parasites, general care & maintenance, genetics, reproduction, behavior/training principles, and horse judging. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to the state core requirements.

FLORICULTURE (Floral Design)

.5 Technical or Elective Fine Art credit Grades 9 -12 Course # 8022

This class lasts 1 trimester and teaches skills in floral design including making corsages, boutonnières, bud vases, table arrangements, and introductions to wedding flower construction and the floral design industry. Students will spend some time in the high school greenhouse growing potted flowers and designing container gardens and hanging baskets. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to state core requirements.

ADVANCED FLORICULTURE (Floral Design 2)

.5 Technical or Elective Fine Art credit Grades 10-12 Course # 8135

Prerequisites: Floriculture

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.

PLANT AND SOIL SCIENCE A & B / PSC 1800

1 Technical or Elective Science credit Grades 11-12 Course# 8014 & 8018

Students will develop knowledge and skills in a wide range of scientific principles, 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. Must be enrolled in both trimesters to receive concurrent credit. The class works extensively in the school greenhouse to plant, grow, and market all of the spring bedding plants.

FLORICULTURE AND GREENHOUSE MANAGEMENT

1 Technical credit or Elective Science Grades 10-12 Course # 8016, 8017

This is a 2-trimester long class. Students will develop knowledge and skills related to the floriculture industry. Floral design and greenhouse operations and management will be the primary units of study. Students will be prepared to create floral arrangements, produce commercial plant species in a controlled environment, and manage commercial and experimental greenhouse operations. Participation with the FFA Organization is encouraged and taught according to state core requirements.

NATURAL RESOURCE SCIENCE A & B

1 Technical credit or Elective Science

Grades 10-12

Course # 8044, 8045

This 2-trimester class takes an in-depth look into ecology and natural resource management. Students who enjoy working outdoors and enjoyed the aquaculture class should enroll. We will look at local plant and animal species and how to better manage those resources. Students will participate in a science fair and will have many opportunities for hands-on learning. Participation in the FFA, a student organization, will be an integral part of this course and will offer many leadership positions and challenging experiences presenting opportunities for growth for each student.

VETERINARY ASSISTING A & B

1 Technical or Science credit

Grades: 11 -12

Course # 8030, 8031

Prerequisites: Animal Science & Ag Biology/Biology

This 2-trimester course provides the opportunity for students to explore different avenues of the veterinary health profession and learn advanced animal science principles. Students will become familiar with multiple careers within the Veterinary field. Students will be exposed to veterinary science and principles which include anatomy, physiology, chemistry, animal health and disease, dentistry, and laboratory procedures. Students will provide hands-on care as they develop skills in the areas of surgical assisting, bandaging, animal restraint, wound care, oral care, and general nursing care. This class is part of an integral agriculture program. Participation with the FFA Organization is encouraged and taught according to state core requirements.

BUSINESS, MARKETING, and INFORMATION TECHNOLOGY

ACCOUNTING 1 or BUSN 1111

(BUSN 1111 is a Concurrent Enrollment course – 3 USU credits)

.5 Technical or .5 Math credit

Grades 10-12

Course # 8364

Accounting is known as the language of business! The accounting procedures and business concepts presented in this course will help prepare students for college, for future employment, and for handling personal finances. Topics will include payroll, the accounting cycle, journalizing and posting transactions, compiling financial statements, payroll systems, and cash management. Computerized accounting will be incorporated into the curriculum. This course counts for either .5 technical credit or math credit.

ACCOUNTING 2 or BUSN 2800

(BUSN 2800 is a Concurrent Enrollment course – 3 USU credits)

.5 Technical or .5 Math credit

Grades 10-12

Course # 8365

Prerequisite: Accounting 1

Students will develop advanced skills that build upon those acquired in Accounting I. Additional accounting topics will include special journals, notes and interest, ethics, depreciation, types of business ownership, and interpreting financial information. Computerized accounting will again be incorporated into the curriculum. This course counts for either .5 technical credit or math credit.

BUSINESS COMMUNICATIONS

.5 Technical or English credit

Grade 10-12

Course # 8401

Communication influences all factors of life. This course is designed to teach various types of practical communication skills. From daily interactions with strangers to the way you present yourself on the job, the way you communicate is a reflection of who you are. This class will provide experience in the many facets of communication including verbal interactions, written communications, oral presentations, nonverbal cues, and technology use to maximize effectiveness.

FCSE 1350 FINANCIAL LITERACY

Concurrent Enrollment 3 USU Credits

.5 required Financial Literacy/Social Studies Credit

Grades 11-12

Course # 0335

Prerequisite 3.0 GPA or Teacher/Counselor approval

This concurrent enrollment course satisfies the General Financial Literacy requirement and is designed for students who are planning to attend college. Students will gain an understanding of the decision-making skills needed to be knowledgeable and effective consumers, money managers, savers, investors, users of credit and productive workers in a global workforce and society. This course satisfies the Breadth Social Science Requirement at USU.

BUSINESS OFFICE SPECIALIST

.5 required Technology credit

Grades 9-10

Course # 8378

Business Office Specialist is a computer course where students will learn technology skills that can be used for future employment, schoolwork, and personal projects. Students will be using Windows 10 operating system and Microsoft Office 2019 Suite (Word, Excel, PowerPoint, and Access). The focus of the course will be preparing students to pass the Microsoft Office Specialist exams. This is a wonderful opportunity for the students to obtain industry-level certifications.

BUSINESS LAW

.5 required Technology credit

Grades 9-10

Course # 8388

Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives. This course will include an understanding of the courts 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, and an understanding of the regulations governing different types of business organizations.

COMPUTER PROGRAMMING 1

.5 Technology or Elective Math credit

Grades 10-12

Course # 8725

Suggested prerequisite: Exploring Computer Science

Programming 1 introduces students to the concepts, fundamentals, and problem-solving skills of computer programming using the Python programming language. Students will learn to design, code, and test their own programs while applying mathematical concepts and higher-level thinking skills.

COMPUTER PROGRAMMING 2

Concurrent Enrollment 3 USU Credits CS 1400

.5 Technology or Elective Math credit

Grades 10-12

Course # 8726

Prerequisite: Computer Programming 1A

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 using classes, advanced GUI techniques, and applications of recursion through the application of mathematical concepts.

COMPUTER SCIENCE PRINCIPLES

Concurrent Enrollment 3 USU Credits CS 1030

.5 Technology or Science credit

Grades 9-12

Course #8732

This course is a rigorous, entry-level course that places emphasis on the principles of computer science as students develop a programming project. The course teaches a broad range of foundational topics such as creativity, abstraction, data, algorithms, programming, the Internet, digital privacy and security, and the societal impacts of computing.

GAME DEVELOPMENT FUNDAMENTALS 1

.5 Technology

Grade: 9-12

Course #8731

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

ECONOMICS 1500

Concurrent Enrollment 3 USU Credits

.5 Technical or Social Studies credit

Grades 11-12

Course # 6051

Prerequisite 3.0 GPA

This class fulfills one of the American Institutions general education breadth requirements at USU. This course is a prerequisite for many other higher-level courses and is required for ALL business majors at USU. Economic relationships between individuals, businesses, and government will be studied. This class will also analyze major economic institutions, consumer markets, business organizations, money and banking, domestic and international trade, and taxation. Concurrent enrollment fees apply.

ENTREPRENEURSHIP

.5 Technical credit

Grades 9-12

Course # 8415

Students will gain an understanding of the marketing and management principles necessary to start and operate their own business, develop an awareness of the opportunities and challenges for small business ownership and develop the planning skills needed to open a small business. Students will become aware of the traits and characteristics of successful entrepreneurs, gain an awareness of knowledge needed in research, planning and regulations affecting the small business and the means of financing a small business. They will understand the specific strategies of business management and marketing and the economic role of the entrepreneur in the market system. Entrepreneurship is designed for students enrolled in business and marketing education, and/or other courses, who have an interest in developing the skills, attitudes, and knowledge necessary for successful entrepreneurs.

EXPLORING BUSINESS AND MARKETING

.5 Technical credit

Grade 9-10

Course # 8350

In this class you will be exposed to the fundamental concepts of business and marketing. Skills include basic business concepts, organizational communication, human resources management, entrepreneurship, accounting, finance, and leadership. Students will be exposed to courses within the Business and Marketing career pathways and leadership organizations, such as FBLA and DECA.

MARKETING 1 (Emphasis on Digital Marketing)

.5 Technical credit

Grades 9-12

Course # 8054

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

SPORTS AND ENTERTAINMENT MARKETING

.5 Technical credit

Grades 9-12

Course # 8059

Sports and entertainment industries are two of the most profitable industries in the United States. Marketing sports and entertainment products is a global business. This is an introductory course focusing on real-world business perspectives by using examples from the marketing world to help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events.

The areas this course will cover include:

- Basic Marketing Concepts
- Sports Marketing Fundamentals
- Understanding the Fan

- Importance of Sponsorships
- Event Marketing ·Promotions
- Sponsorship Proposals
- Sports Marketing Plans

WEB DEVELOPMENT

.5 Technical credit

Grades 9-12

Course # 8355

Want to build your own website? In this course you will learn how to design, code, and publish a professional website. No experience necessary. We will use Adobe products (Dreamweaver, Photoshop, and Illustrator), and learn HTML5 and CSS.

DRAFTING

CAD MECHANICAL DESIGN 1

.5 Technical credit

Grades 9-12

Course # 8241

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. \$

CAD MECHANICAL DESIGN 2

.5 Technical credit

Grades 10-12

Course # 8239

Prerequisite: CAD Mechanical Design 1

The second in a sequence of courses that prepares individuals with an emphasis in developing technical knowledge and skills to develop 3D models in support of mechanical and industrial engineers, and related professionals. This includes instruction in the use of 3D Computer-Aided Design (CAD) software, model creation, and technical communication. Prerequisite: CAD Mechanical 1. \$

EDUCATION

EDUCATION 1 (TEACHING AS A PROFESSION 1)

.5 Technical credit

Grades 10-12

Course # 8801

Observe and participate with teachers and students in the classroom. Learn about current teaching methods and instructional strategies. Explore assessments and when to use them. Discover how students learn and how to differentiate for special populations. Recognize ways to effectively use educational technology in the classroom.

EDUCATION 2 (TEACHING AS A PROFESSION 2)

.5 Technical credit

Grades 10-12

Course # 8802

What is the role of an educator in the classroom? Find these answers and many more as you learn about instructional strategies. Learn and observe differentiated instruction and how it affects student learning. Create an environment where students are encouraged and empowered to become lifelong learners. Practice the art of creating instructional activities to inspire students to enjoy learning.

TEAL 1010 – Introduction to Education

.5 Elective Technical credit or 3 USU credits

Grades 11-12

Course # 8804

Prerequisite: 3.0 GPA

Students assess themselves as prospective teachers and learn methods of learning, classroom management, and teaching skills. Opportunities provided for students to observe in public schools (K-12), as well as to complete volunteer service in other community educational settings.

AVIATION, ENGINEERING, AND STEM

ROBOTICS 1

.5 Technology credit

Grades 9-12

Course # 8539

This is a lab-based, hands-on curriculum where students will learn to design, build, program and control robotic devices. It combines electrical, mechanical and engineering principles. A study and application of electrical concepts will include sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators. Engineering concepts will include: mechanical design, prototype development, design testing, programming, and proper engineer documentation.

AM STEM ACADEMY

AUTOMATED MANUFACTURING & ROBOTS

.5 Technical credit per trimester

Grades 10-12

Course # 8542

You CANNOT register for this electronically. See your counselor to register.

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 games.... design, create and build things. Make your passion a rewarding career. Complete a BTECH industry recognized certificate shortly after graduation from high school. Complete 30 credits toward an associate’s degree at USU (equivalent to one year) -- tuition free. Find out more at www.BTECH.edu/stem or mfuller@BTECH.edu (435) 750-3275

IT STEM ACADEMY

INFORMATION TECHNOLOGY ACADEMY

.5 Technical credit per trimester

Grades 9-12

Course # 8070

You CANNOT register for this electronically. See your counselor to register.

Do you like computers, internet, programming and cyber security? Learn about PC Hardware, Programming, Networking, Cyber Security, Web Development, Operating Systems (Linux, Mac, Windows) and Raspberry Pi. This course is offered after school M-Th with options for other times if necessary. Complete a BTECH industry recognized certificate shortly after graduation from high school. Complete 30 credits toward an associate’s degree at USU (equivalent to one year) -- tuition free. Find out more at www.btech.edu/certificate/information-technology or bcampbell@btech.edu (435) 535-5310

UNMANNED AERIAL SYSTEMS

AV 1900 DRONES: REMOTE PILOT GROUND SCHOOL / AV 1910 Drones: INTRO FLIGHT LAB

Concurrent Enrollment 3 USU Credits

.5 Technical credit

Grades 11-12

Course # 8206

Through the study of flight safety principles, basic weather theory, sectional charts, and federal regulations, this course will prepare students to fly drones for commercial purposes and prepare them for the optional FAA Part 107 small drone commercial exam. The course also explores the history, present uses, and future potential of Unmanned Aerial Systems in commercial operations. Registration in this course will include enrollment in AV 1910 Drones: Introductory Flight Lab where students will learn basic flight theory and practice flying small, remotely piloted quadcopter and fixed-wing drones.

PRIVATE PILOT GROUND SCHOOL

AV 2330

Concurrent Enrollment 4 USU Credits

1 Technical credit (2 trimesters)

Grades 11-12

Interested in pursuing a career as an airplane pilot? Earning your private pilot license is your first step! This rigorous two-trimester course will provide instruction in principles of flight, aircraft and engine operation, weather, navigation, radio aids to navigation, radio communications, and federal air regulations. Preparations for the *written* portion of the FAA Private Pilot exam will be emphasized.

FAMILY AND CONSUMER SCIENCE

INDIVIDUAL AND FAMILY RELATIONSHIPS (Formally ADULT ROLES A)

.5 Technical or Social Studies credit

Grades 11-12

Course # 8109

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

PERSONAL AND FAMILY FINANCE (Formally ADULT ROLES B)

.5 Financial Literacy/Social Studies credit

Grades 11-12

Course # 8115

39, 8142 This course teaches students about financial priorities and goals, how to have financial health as an individual and family, money management strategies for the goals of the individual and family, the financial implications of relationship formation and dissolution, and explore careers in financial behavioral health and counseling.

BEHAVIORAL HEALTH, INTRODUCTION

.5 Technical or Social Studies credit

Grades 9-12

Course # 8108

This course is an introduction to the Behavioral Health industry. Topics that will be introduced in this foundational level course include understanding self-concept, effective communication, healthy relationships, addictive behaviors, mental health disorders, and protective laws and rights of patients and practitioners.

CHILD DEVELOPMENT

.5 Technical credit

Grades 10-12

Course # 8162

Students in this introductory course will study the development and care of children from conception to age 5. Students will participate in a variety of fun and exciting activities that will help them to relate to children, such as teaching and observing children in a preschool setting.

SEWING CONSTRUCTION AND TEXTILES 1

.5 Technical credit

Grades 9-12

Course # 8136

If you have little or no sewing experience this is the class for you! The course introduces the students to sewing equipment, textiles, and beginning sewing construction skills. Projects include three course-directed projects and one self-selected project.

SEWING CONSTRUCTION AND TEXTILES 2

.5-1.5 Technical credit

Grades 10-12

Course # 8137

Prerequisite: Clothing and Textiles 1

This course is a continuation of Sewing Construction and Textiles 1. The emphasis will be on individualized sewing and skill building to help students construct current fashionable clothing, sports and activewear items, and /or home décor. 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.

EARLY CHILDHOOD EDUCATION 1

.5 Technical credit

Grades 10-12

Course # 8160

A continuation of Child Development, students engage and learn the Child Development Association Credentials and Developmentally Appropriate Practices in Early Childhood Education. Early Childhood Education lab training may be a part of the course. Must have completed the Child Development course.

FASHION DESIGN STUDIO (Fashion Strategies)

.5 Technical credit

Grades 9-12

Course # 8169

Fashion Design Studio brings the exciting world of fashion to life through an in-depth look at how the apparel industries work and opens your eyes to the many ways that you can develop a career in the fashion industry. Instruction includes: fashion terminology, fashion design, merchandising, principles and elements of design, fashion history, consumerism and selecting current fashions for different figure types.

HDFS 1500 HUMAN DEVELOPMENT ACROSS THE LIFESPAN

Concurrent Enrollment 3 USU credits

.5 Technical credit

Grades 11-12

Course # 8106

Prerequisite: 3.0 GPA

Fee: \$30 to USU & \$15 credit fee and cost of textbook. (Total of approximately \$100 to USU)

Insight into humans in their own unique journey. Human development explores the developmental process in humans throughout the life cycle from conception to death. Students learn about the social, emotional and cognitive development of humans, all within the context of everyday lives, families and communities. Human Development is a common general education requirement at USU including degrees in education, nursing and health professions. (NCAA)

HDFS 2400 MARRIAGE AND FAMILY RELATIONS

Concurrent Enrollment 3 USU credits

.5 Technical credit

Grades 11-12

Course # 8109

Prerequisite: 3.0 GPA

Fee: \$30 to USU & \$15 credit fee and the cost of the textbook. (Total of approximately \$100 to USU)

Students will learn basic concepts and approaches in the study of marriage and the family and apply those concepts to their own lives. Students will better understand what they personally want in his/her future family and relationship experiences. Class concepts include: dating, communication, marriage, parenting, and conflict resolution.

FOOD AND NUTRITION

.5 Technical credit

Grades 9-12

Course # 8119

This course is designed to teach the process of quick and efficient food preparation and management. Instruction includes: kitchen safety, nutrition, dietary guidelines, measurement, and the use of equipment. Emphasis is placed on making food management creative, fun, and appetizing. **Students may only enroll in Food and Nutrition 1 one time during their high school experience.** \$

DIETETICS AND NUTRITION 1 (Formally Foods 2)

.5 Technical credit

Grades 10-12

Course # 8127

Prerequisite: Foods 1

This course is designed for students who are interested in understanding the principles of food preparation, personal health, and meal management. Food preparation labs will include salads, soups, breads, meats, poultry and pastries. \$

INTERIOR DESIGN

.5 Technical or Fine Art credit

Grades 9-12

Course # 8131

This course is designed to help students develop an appreciation of beauty and good design in home and public interiors, and to discover their own creative styles. Through the use of the basic principles and elements of design, students will design interior spaces, including wall and floors, and will present single room designs. \$

NDFS 1020 (Nutrition)

.5 Technical or Elective Science credit

Grade 11-12

Course # 8141

Prerequisite: 3.0 GPA

NDFS 1020 is a Life Science course focusing on the science and application of human nutrition. This course is required for all nursing students and is a general education course required at many universities. This course includes information on the science of foods, chemical structure, understanding of the nutrient intake and diet planning guidelines, nutrients, metabolism, life cycle nutrition and consumer concerns about foods. This course is designed for serious, advanced students who are responsible, committed, and focused. \$

HEALTH SCIENCES/MEDICAL

ADVANCED MEDICAL TERMINOLOGY 1101

Concurrent Enrollment 2 WSU credits

.5 Technical credit

Grades 11-12

Course # 8339

Prerequisite: 3.0 GPA

This one-trimester class is a class offered through Weber State University and a student passing the course will receive college credit from WSU for Medical Terminology. Students will learn terminology that is used throughout medicine. This class is recommended for any student wishing to go into any Allied-Health Career Field or those wishing to pursue Medical School and is required for Nursing School. Students will purchase their own textbooks. This class does not carry an additional lab fee. The class uses the internet for study and testing.

ADVANCED HEALTH SCIENCE 1110, 1111 (Formerly ANATOMY/ PHYSIOLOGY 1105, 1106)

Concurrent Enrollment 8-14 WSU credits

1.5 Technical credit

Grade 12

Course # 8342, 8343, 8344

Prerequisite: 3.0 and Anatomy/Physiology/Med Term

This full-year course earns college credit from Weber State University. It is taught over the EdNet system each week with some days spent in computer labs doing medical lab activities. The course includes an in-depth study of human anatomy, physiology, body systems, and related areas as needed for college credit. This class has a \$15 lab fee. Students are required to purchase lecture notes from Weber State University. \$

INTRO TO EMS (FIRST AID)

.5 Technical credit

Grades 10-12

Course # 8316

Prerequisite: 3.0 GPA

This single trimester course is the American Red Cross Responding to Emergencies Course. Students passing the final tests and practical will receive certification in Adult, Child, Infant CPR and First Aid.

EXERCISE SCIENCE & SPORTS MEDICINE A & B

1 Technical credit

Grades 11-12

Course # 8303, 8304

This two-trimester course is to help students develop an interest in medical and other health-related fields and to learn basic injury evaluations, taping techniques, and other conditioning of athletes. This class is part of the Utah Health Science and Technology Curriculum. This course is to assist the student in choosing a possible health-related occupation after he/she has become better informed about the many choices out there. This course will deal with human anatomy and physiology. This course will be two trimesters. There is a \$15.00 lab fee for handouts and medical supplies to be used during labs. \$

INTRODUCTION TO HEALTH SCIENCE

.5 Technical or science credit

Grades 9-10

Course # 8320

This single trimester course is designed to allow students to explore the medical field before they commit an entire year to taking Anatomy/Physiology. This class is NOT required for any other Anatomy class, but is offered to freshman and sophomore students that are not sure if this is their field of interest. We will examine basic anatomy, medical terminology, and career exploration. Some students take this class in order to learn some anatomy and medical terminology prior to taking the full year course.

MEDICAL ANATOMY / PHYSIOLOGY/ MED TERM

1.5 Technical or Science or Health credit

Grades 11-12

Course # 8331, 8332, 8333

Prerequisite: Take prior to EdNet class

This full year course is designed to give students an in-depth overview of health careers. The students will also study medical terminology, physiology and anatomy, ethics, patient psychology, death and dying, diseases and disorders, and first aid. The third trimester class (#8333 MAP C) is titled Medical Terminology. This is a separate class from the Advanced Medical Terminology 1101.

NDFS 1020 (Nutrition)

.5 Technical or Elective Science credit

Grade 11-12

Course # 8141

Prerequisite: 3.0 GPA

NDFS 1020 is a Life Science course focusing on the science and application of human nutrition. This course is required for all nursing students and is a general education course required at many universities. This course includes information on the science of foods, chemical structure, understanding of the nutrient intake and diet planning guidelines, nutrients, metabolism, life cycle nutrition and consumer concerns about foods. This course is designed for serious, advanced students who are responsible, committed, and focused. \$

PHOTO/VIDEO/ART

COMMERCIAL PHOTOGRAPHY 1

.5 Fine Art or Technical credit

Grades 10-12

Course # 8287

An introduction to the field of commercial photography. This course will cover concepts including but not limited to image capture, image editing, and image output. This course will also feature Adobe Photoshop, its features and use. These concepts will enable the student to be more knowledgeable and prepared to enter the workplace. \$

COMMERCIAL PHOTOGRAPHY 2

.5 Fine Art or Technical credit

Grades 10-12

Course # 8288

Prerequisite: Commercial Photo 1

This class is a continuation of theory and technique improvement for the student who desires more depth in digital photography. Composition, control of light, etc. will be heavily stressed. The student must have a digital camera (preferably with adjustable aperture and shutter speeds). There is a limited amount of formal classroom discussion. There will be several assignments involving alternative digital processes. Most work is done in the digital photography lab. \$

VIDEO TECHNOLOGY AND PRODUCTION A & B

.5 Fine Art or Technical credit

Grades 10-12

Course # 8189, 8190

This is a two-trimester activity and academic-oriented course that teaches individuals basic TV broadcasting skills. Students will be involved in the development, design principles, and the production of media with emphasis in video. Instructional activities are centered on the utilization of actual fundamentals learned in video production, including lighting, audio, production, directing, editing, and filming. Work ethics and productivity are an integral part of the classroom and lab activities. We have a classroom set of GoPro cameras for class activities and filming assignments.

WOODS

Woods 2 A & B

1 Technical credit

Grades 10-12

Course # 8269, 8272

Prerequisite: Woods 1

The second instructional course in a sequence that prepares individuals to apply technical knowledge and skills to prepare and execute furniture design projects; assemble and finish furniture articles; repair furniture; and stresses the safe use of a variety of hand and power tools and machinery. Recommended projects would be anything that would allow students to incorporate all joints and tools e.g. a chest of drawers. Prerequisite, Woods 1. \$

INTRODUCTION TO CONSTRUCTION TRADES FOUNDATION A & B (Previously offered as: CARPENTRY 1 A & B)

1 Technical credit

Grades 10-12

Course # 8212, 8213

Prerequisites: Woods 1

A course that generally prepares individuals in the following areas: basic safety, introduction to blueprint reading, introduction to power tools, introduction to hand tools, and introduction to construction math. It also includes an industry overview, what to expect on the job and specific career opportunities. It is designed to allow for replica house building on a 1/4"=1'-0" scale. For this course students will help build a storage shed for a third party. These courses are based on the current National Center for Construction Education and Research (NCCER) task list. Prerequisite, Woods 1.

Woods 1

.5 Technical credit

Grades 9-12

Course # 8268

The first instructional course in a sequence that prepares individuals to apply technical knowledge and skills to lay out and shape stock; assemble projects; saw and sand projects; and stresses the safe use of a variety of hand and power tools and machinery. Recommended projects would be anything that would allow students to incorporate all joints and tools. \$

STAGECRAFT (Second Trimester Only and during third hour, by audition or application)

.5 Fine Art or Tech credit

Grades 9-12

Course # 1085

This course will provide instruction on the design and construction of theatrical sets. Building sets for the school musicals and plays and quick set up and tear down techniques. A background in woods/machines or art/design is helpful. Enrollment will be by audition or application for the course. Students will be required to attend some after school work days and tech week evenings and performances.

WORK-BASED LEARNING

CTE INTERNSHIPS

.5 Technical or Elective credit

Grades 11-12

Course # 8207

This course is an opportunity to explore your career in real time. It 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 students will be required to complete a minimum of four hours a week at their placement site.

OFF-CAMPUS VOCATIONAL

COSMETOLOGY

1-7.5 Technical credit

Grade 12

Course # 8086

This daily class is conducted off campus for selected seniors interested in a career in cosmetology (beautician). Students must provide their own transportation to Logan. Courses are provided by New Horizons Beauty College and Paul Mitchell The School. There is a substantial tuition fee. A parent permission form must be submitted. See your counselor for enrollment details. \$

BRIDGERLAND TECHNOLOGY COLLEGE

BTECH courses are arranged primarily in two-hour blocks. Each two-hour course yields 1 Technical credit. Students may attend BTECH all day and may earn up to 7.5 Technical Credits for a full year's study.

FRESHMAN & SOPHOMORES MAY NOT ENROLL IN BTECH CLASSES.

STUDENTS MUST ENROLL IN PRE-REQUISITE CLASSES IN ORDER TO TAKE ADVANCED COURSES AT BTECH.

Bridgerland Technology 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. Most classes are available all periods of the day. 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 my.BTECH.edu Grades 11-12.**

BTECH ANIMAL SCIENCES

\$25 Lab Fee, \$133 consumables

The Animal Sciences certificate program provides high school students with hands-on training to develop the skills needed to work as support staff in veterinary clinics, shelters, or other animal-based institutions. Skilled and experienced instructors with unique animal sciences backgrounds provide real-world training in relevant topics such as animal restraint, nursing care, radiology, lab procedures, blood collection, IV catheterization, dental cleanings, vaccines, physical exams, and client services. Students will also train on front office procedures.

BTECH AUTO COLLISION

This fun course provides an opportunity to repair and paint modern vehicles. Instruction and hands-on labs 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.

BTECH AUTOMATED MANUFACTURING & ROBOTS

1 Technical credit per trimester

Grades 11-12

Course # 8542

You CANNOT register for this electronically. See your counselor to register.

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 games design, create and build things. Make your passion a rewarding career. Complete a BTECH industry recognized certificate shortly after graduation from high school. Complete 30 credits toward an associate's degree at USU (equivalent to one year) -- tuition free. Find out more at <https://btech.edu/itstem/> or mfuller@BTECH.edu (435) 750-3275

BTECH Automotive Services

Fees: Approx \$5

Prerequisite: Ag Systems

This class starts with an overview of automobile equipment and its operating systems. Emphasis will be 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 will have an opportunity to learn ASE areas of 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 experiences.

BTECH Building Technology

Fees: \$40 refundable tool rental

Basic Carpentry – Learn how to construct an actual home. All the classroom and lab experiences are directed by instructors who are experienced in general contracting and in education. The course objective is to prepare students for entry-level employment in the building trades industry.

BTECH Cosmetology

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

Prerequisite: 16 years old

This class is held at the Brigham City BTECH campus and students are responsible for their own transportation. This program provides theory and practical instruction in all phases of cosmetology and barbering including professionalism, sanitation, finger waves, pin curls, roller sets, thermal styling, braiding, hair cutting, perming, coloring, chemical relaxing, hair removal/waxing, manicuring, pedicuring, acrylic nails, facials, extensions, histology of skin and nail, and barbering. After successful completion of the cosmetology competencies and 2000 hours, students will be prepared to take the Cosmetology Barber license state board exam.

BTECH BUSINESS TECHNOLOGY

Fees: \$0-120 depending on subject area

Learn a wide variety of skills for small and large business environments. Courses Include: Accounting I & II, Adobe Suite, Business Mat, Digital Applications, Entrepreneurship, Microsoft Application Software, QuickBooks Pro (Pre-requisite of Accounting I), Social Media Marketing (Pre-requisite of Digital Applications)

BTECH Culinary Arts

Fees: \$35 tool rental

Prerequisite: Foods and Nutrition

This course prepares students to work in the industry by giving basic food preparation lessons in safety, sanitation, knife skills, use of equipment, salad bar preparation, catering, setting and cleaning up, and vital waiter/waitressing skills. Hair net required.

BTECH Dental Assisting

Fees: \$15-\$35

Students will be trained in four-handed dentistry assisting; including, general dental procedures, taking digital radiographs, passing instruments, pouring models, infection control and sterilization, taking 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.

BTECH Diesel

Fees: \$28

A series of courses starting with an overview of heavy-duty equipment and their 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 Drafting

Learn the skills needed to become a drafter. Designers, architects, and engineers all require entry-level and advanced drafters to help produce drawings.

Courses 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

Fees: Textbook \$90

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 a prerequisite for Pharmacy Technician and Practical Nursing. Students must earn 85 percent in the course to demonstrate competency requirements for programs.

BTECH Electronic Engineering Technology

Fees: \$40 lab fees plus supplies and workbooks

Digital Electronics

Introduces students to applied digital logic, a key element of careers in engineering and engineering technology. This class explores the smart circuits found in watches, calculators, video games, and computers. Students use industry-standard computer software in testing and analyzing digital circuitry. They design circuits to solve problems, export their designs to a printed circuit auto-routing program that generates printed circuit boards, and use appropriate components to build their designs. Students use mathematics and science in solving real-world engineering problems.

Electronic Fundamentals

Is designed to introduce the concepts and fundamentals of electronic devices, systems, and circuits. Topics include direct current electricity, alternating current electricity, transistors and integrated circuits, transmitters and receivers, oscillators and amplifiers, electronic memory, digital logic circuits, and microcomputers.

BTECH Fashion Merchandising

Fees \$15-\$20 per course

Prerequisite: Fashion Strategies

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

Fashion A: Hands on experiences introduce image consulting, brands and images, cosmetic and fragrance industry, accessories, and fashion show production. Develop the skills needed to work in the retail industry assisting clients in making better clothing and accessory choices. Students will participate in planning and producing a live fashion show.

Fashion B: Study the top fashion designers and what inspires their collections and then try your hand at it as you experience the design process. (Sketching skills are not required.) Students learn about trend forecasting, the apparel industry, fashion history and textiles, as well as retailers.

Fashion C: Discover the countless fashion career opportunities and learn many of the necessary skills to obtain them, including, selling techniques, visual display and merchandising, promotion and interview skills. Students will create their own store layouts and visual displays, as well as participate in planning and producing a full-scale fashion show.

BTECH Financial Literacy

Fees: \$100

Do you know where your last paycheck went? Have you asked yourself how your money can work for you? Then this course is the perfect training for you. Financial Literacy is designed to teach the basics of personal finance including the following topics: savings, budgets, debt, consumer awareness, credit bureaus, insurance, investments, retirement, savings plans, and real estate.

BTECH Heavy Equipment Operator

Fees: \$25

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 Information Technology

Fees: 5-\$30

Students may choose from the following courses when prerequisites listed are met:

PC Professional- Learn foundational IT concepts, including installing, configuring, and troubleshooting PC hardware and software. Students will tear-down and rebuild a PC and laptop as part of the course.

Networking Technology- Gain the skills to configure, manage, and troubleshoot wired and wireless networks.

Security Essentials- Learn how to secure networks from unauthorized activity through effective security policy, authentication, and encryption.

Intro to Ethical Hacking- Sample both defensive and offensive security in an introductory, projects-based course.

Linux Essentials- Learn the basics of the Linux operating system, including command line, file management, and open-source applications.

AWS Cloud Foundations (Amazon Web Services)- Gain a basic understanding of cloud concepts, AWS services, security, and architecture.

BTECH IT STEM Academy

The IT STEM Academy provides IT training at your high school. Available in grades 9 through 12, students may join at multiple entry points during the year. IT STEM courses and labs are funded through a grant at no cost to high school students. Students can receive up to 150 hours of certificate credit for CTE/technology classes taken at their high school. For more information, contact Bonnie Campbell, IT STEM Coordinator, bcampbell@btech.edu.

BTECH Interior Design

Fees: \$15-\$20 supplies

Students begin with an introduction to principles of elements and design. Students will experience how the elements of design can be applied in interior spaces and how color affects the atmosphere and the mood of a space. Students attending more than one trimester will progress to space planning practices including how to read floor plans and evaluate the function of space then onto the practical and creative possibilities of materials and finishes used in interior design. Students will learn the use of these materials through hands-on projects.

BTECH Machining Technology

Fees: \$10-20

Do you enjoy making things, being creative, and solving problems? Manufacturing is the largest job market in Cache Valley, of which machining is a huge part. First trimester/semester students will learn the basics of mill and lathe operation. Students returning for a second trimester/semester will have the opportunity to participate in NASA's HUNCH program, where they will use computer-controlled machining to manufacture flight hardware for the International Space Station.

BTECH Meat Services

Fees: Knives-can rent or buy \$10-\$60

Learn the basic skills for a prosperous and satisfying career in the meat production industry. Students learn harvesting of beef, pork, and lamb; wholesale, retail, and custom meat cutting practices; knife care; purchasing; inspection; merchandising; advertising; and public relations. This hands-on experience enables students to work in an entry-level meat business with excellent job opportunities and high earning potential. This program is equipped with state-of-the-art equipment and provides an amazing environment for meat cutting training.

BTECH Medical Assisting

Fees: \$100-310

The Medical Assisting program prepares students to become an integral part of today's healthcare system. Highly skilled instructors provide hands-on, one-on-one instruction to students as they take vital signs, complete patient histories, administer injections, perform EKGs, learn phlebotomy skills, and assist with routine and specialty examinations as well as minor surgical procedures. Students also become proficient in administrative skills including, scheduling, insurance, coding, basic accounting, medical office banking, and telephone techniques.

BTECH Medical Terminology

Fees: Textbook \$70

This class enables students to understand the language of medicine, which is based in Greek and Latin. Students will learn the terminology used in medical transcription, medical assisting, nursing assisting, nursing, physical therapy, and all other health-related fields. This is a prerequisite for the Practical Nursing Programs and is strongly recommended for students who plan to pursue any health care career.

BTECH Nursing Assistant

Fees: \$140-\$260

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 board exam for state certification; the exam is optional and can be taken up to two years after course completion. Students must have a reading level high enough to enable him/her to pass the class and take the state board exam if he/she chooses. **Federal/State mandates require all students seeking certification pass all course exams with 75 percent or higher. A 24-hour externship in a nursing home is a course requirement.** Students must provide their own transportation to clinical facilities. Recommended for the BTECH Practical Nursing Program and required for most nursing programs.

BTECH Pharmacy Tech Introduction

Fees: \$60

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 or two semesters. High school students transitioning to the adult program will be required to submit to a background check when they turn 18.

BTECH Real Estate

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. This is a one Trimester/Semester course and is an exploratory experience that will not result in a real estate license.

BTECH Web & Mobile Development

Are you interested in creating and designing in digital spaces? Learn the fundamentals of coding, front-end and back-end development, and web design for various digital environments. You will also explore the areas of online marketing, photography, cinematography, freelancing, and more. You will discover and develop your own creativity and multimedia expertise through hands-on coding projects as your instructors lend one on-one support and mentorship along the way.

BTECH Welding Technology

Fees: Supplies and workbooks approx. \$20-\$50

Prerequisite: Ag Systems

This course offers basic training in seven major welding processes, which will teach 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. Students who enroll for consecutive trimesters will work toward an advanced ECAT certificate including robotics, welding certification, and be eligible to receive a BTECH Certificate of completion when all requirements are met.

BTECH Wildland Firefighter

Fees: \$30

Enjoy the outdoors? Wildland firefighters 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 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 the 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 45 lb. pack on).

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.

INDEX OF COURSES OFFERED

ACCOUNTING 1/BUSN 1111, 40, 50
ACCOUNTING 2/BUSN 2800, 40, 50
ADVANCED AGRICULTURAL MECHANICS, 48
ADVANCED HEALTH SCIENCE 1110 & 1111, 56
ADVANCED MEDICAL TERMINOLOGY 1101, 56
AEROBIC FITNESS, 32
AG SYSTEMS TECHNOLOGY 1, 48
AG SYSTEMS TECHNOLOGY 2, 48
AGRICULTURAL SCIENCE 1, 42, 48
AGRICULTURE BIOLOGY, 41, 48
AM STEM ACADEMY, 53
AMERICAN GOVERNMENT, 46
ANCIENT WORLD HISTORY, 45
ANIMAL SCIENCE 1, 42, 49
ANIMAL SCIENCE 2, 42, 49
AP ART HISTORY, 23
AP BIOLOGY, 42
AP CALCULUS, 39
AP ENGLISH, 35
AP ENVIRONMENTAL SCIENCE, 42
AP EUROPEAN HISTORY, 45
AP PHYSICS: Mechanics, 43
AP STATISTICS, 39
AP US GOVERNMENT AND POLITICS/COMPARATIVE GOVERNMENT, 46
AP US HISTORY, 46
ART - AP, 23
ART 1, 23
ART 2, 23
ART 3, 23
ASTRONOMY: Space Explorations, 43
ASTRONOMY: The Universe, 43
ATHLETICS (SKILLS), 32
BAND - CONCERT BAND, 24
BAND - PERCUSSION, 24
BAND - SYMPHONIC BAND, 24
BEHAVIORAL HEALTH INTRO, 54
BIOLOGY, 41
BIOLOGY 1010, 43
BOTANY, 43
BRIDGERLAND TECHNOLOGY COLLEGE, 58
BUSINESS COMMUNICATIONS, 35, 50
BUSINESS LAW, 51
BUSINESS OFFICE SPECIALIST, 51
BUSN 1111, 40, 50
BUSN 2800, 40, 50
CAD MECHANICAL DESIGN 1, 52
CAD MECHANICAL DESIGN 2, 52
CARPENTRY 1, 57
CERAMICS 1, 23
CERAMICS 2, 23
CERAMICS 3, 24
CHEER SQUAD, 33
CHEMISTRY, 41
CHEMISTRY 1010, 43
CHILD DEVELOPMENT, 54
CHOIR, 25
COMMERCIAL PHOTOGRAPHY 1, 24, 57
COMMERCIAL PHOTOGRAPHY 2, 24, 57
COMPUTER PROGRAMMING 1, 40, 51
COMPUTER PROGRAMMING 2, 40, 51
COMPUTER SCIENCE PRINCIPLES, 43, 51
CONSTITUTIONAL GOVERNMENT & LAW, 46
COSMETOLOGY, 59
CREATIVE WRITING, 35
CTE INTERNSHIP, 21, 58
CURRENT ISSUES & MEDIA, 46
DEBATE 1A, 35
DEBATE 1B, 36
DEBATE 2, 36
DIVERSITY DISCOVERY A & B, 21
DRILL TEAM, 34
DRIVER EDUCATION, 21
DRUMS 1, 25
EARLY CHILDHOOD EDUCATION 1, 55
ECONOMICS 1500, 47, 51
EDUC 1010, 53
EDUCATION 1, 53
EDUCATION 2, 53
EDUCATION 3, 53
EMERGENCY MEDICAL RESPONSE, 56
ENGLISH 10 LITERATURE, 34
ENGLISH 10 WRITING, 34
ENGLISH 1010, 36
ENGLISH 11 LITERATURE, 35
ENGLISH 11 WRITING, 35
ENGLISH 12, 36
ENGLISH 2200, 36
ENGLISH 9 LITERATURE, 34
ENGLISH 9 WRITING, 34
ENTREPRENEURSHIP, 52
ENVIRONMENTAL SCIENCE, 44
EQUINE SCIENCE, 44, 49
EXERCISE SCIENCE, 56
EXPLORING BUSINESS AND MARKETING, 52
FASHION DESIGN STUDIO, 55
FCSE 1350 FINANCIAL LITERACY, 22, 50
FILM: HISTORY, TECHNIQUE & ANALYSIS, 27, 36
FINANCIAL LITERACY, 22
FIRST AID, 52, 56
FITNESS FOR LIFE, 31
FLORICULTURE, 27, 49
FLORICULTURE ADVANCED, 49
FLORICULTURE & GREENHOUSE MANAGEMENT, 49
FOOD AND NUTRITION 1, 55
FOODS 2 (DIETETICS AND NUTRITION), 55
FRENCH 1, 28
FRENCH 1010, 29
FRENCH 2, 28
FRENCH 3, 28

FRENCH 5 DLI, 29
FRENCH 6 DLI, 29
FRENCH DLI CULTURE & HISTORY C, 29
FRENCH AP, 29
FRENCH 3116 & 3117, 29
GENETICS, 44
GEOLOGY 1060, 44
GERMAN 1, 29
GERMAN 1010, 30
GERMAN 2, 29
GERMAN 3, 30
GERMAN 4, 30
GUITAR 1 - BEGINNING, 25
GUITAR 2, 25
GUITAR 3, 26
GUITAR 4, 26
HDFS 1500/HUMAN GROWTH & DEVELOPMENT, 55
HDFS 2400/FAMILY RELATIONS, 55
HEALTH, 31
HISTORY 1700 – AMERICAN CIVILIZATION, 47
HUMANITIES, 27, 37, 47
HUMANITIES 1320, 27, 37, 47
INDIVIDUAL & FAMILY RELATIONSHIPS, 22, 54
INDIVIDUAL LIFETIME ACTIVITIES, 32
INTERIOR DESIGN, 28, 55
**INTRODUCTION TO CONSTRUCTION TRADES
FOUNDATION, 57**
INTRODUCTION TO DATA SCIENCE, 41
INTRODUCTION TO HEALTH SCIENCE, 56
IT STEM ACADEMY, 53
LATIN INTRO, 30
LATIN 1A & 1B OR 1010/1020, 30
LIGHT AND SOUND, 22
MARKETING 1, 52
MATH 1050, 39
MATH 1060, 39
MATHEMATICS OF PERSONAL FINANCE, 22, 40
MEDICAL ANATOMY / PHYSIOLOGY, 44, 56
MODERN WORLD HISTORY, 45
MUSIC 1010, 26
MUSICAL THEATRE, 27
MYTHOLOGY, 37
NATURAL RESOURCE SCIENCE, 50
NOVELS AND SHORT STORIES, 37
NUTRITION 1020, 44, 55, 56
ORCHESTRA - ADVANCED, 26
ORCHESTRA - INTERMEDIATE, 26
PAINTING 1, 21
PARTICIPATION SKILLS AND TECHNIQUES, 32
PEER TUTOR, 22
PERSONAL & FAMILY FINANCE, 22, 54
PHYSICS, 42
PLANT & SOIL SCIENCE/PSC 1800, 49
POLITICAL SCIENCE 1100, 46
PRECALCULUS, 40
PRIVATE PILOT GROUND SCHOOL, 54
PSYCHOLOGY, 47
PSYCHOLOGY 1010, 47
RELEASED TIME, 41
ROBOTICS, 44, 53
SCIENCE FICTION/FANTASY, 37
SCULPTURE, 24
SECONDARY MATH 1, 38
SECONDARY MATH 1 – PLUS, 38
SECONDARY MATH 2, 38
SECONDARY MATH 2 –PLUS, 38
SECONDARY MATH 3, 39
SECONDARY MATH 3 – PLUS, 38, 39
SEWING CONSTRUCTION AND TEXTILES 1, 54
SEWING CONSTRUCTION AND TEXTILES 2, 54
SOCIAL DANCE 1, 28, 33
SOCIAL DANCE 2A, 28, 33
SOCIAL DANCE 2B, 28, 33
SOCIOLOGY, 47
SONGWRITING, 26
SPANISH 1, 30
SPANISH 2, 30
SPANISH 3, 30
SPANISH 4, 30
SPANISH 5, 30
SPANISH 5 DLI, 31
SPANISH 6 DLI, 31
SPANISH DLI CULTURE & HISTORY C, 31
SPANISH AP, 31
SPANISH 3116 & 3117, 31
SPORTS AND ENTERTAINMENT MARKETING, 52
SPORTS LITERATURE, 37
SPORTS MEDICINE, 52, 56
STAGECRAFT, 27, 57
STAT 1040, 40
THEATRE 1, 27
THEATRE 2, 27
UNMANNED AERIAL SYSTEMS/DRONES AV 1900, 54
US HISTORY, 46
VETERINARY ASSISTING, 50
VIDEO TECHNOLOGY AND PRODUCTION, 24, 57
WEB DEVELOPMENT, 52
WEIGHTS - BEGINNING, 33
WEIGHTS - ADVANCED, 33
WEIGHTS - ATHLETIC, 33
WOODS 1, 57
WOODS 2, 57
WORLD GEOGRAPHY, 45
YEARBOOK/JOURNALISM, 37
YOGA 1, 32
YOGA 2, 32