

Mountain Crest High School

Registration Course Guidebook

2021-2022



Course Description and Registration Information Booklet

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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 based on 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 12th 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: www.ccsdut.org/edonline.

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

Current Utah State laws requires all secondary students to have a Plan for College and Career Readiness (PCCR). The student, a parent, and an educator jointly develop the PCCR. 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 by 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, ensuring that required classes are taken.
2. Choose elective classes in support of your PCCR. In so doing, students planning post high school education must meet the additional requirements for submissions. The elective courses should be used to meet those additional requirements.
3. Study the course description booklet and select appropriate classes. Enter the courses you select on the 4-year Educational Plan given to you with the registration booklet.

A common core of courses is required for all students, and a summary of the current graduation requirements is described in the following pages.

Mountain Crest GRADUATION PATH:

For students graduating in 2020 and beyond

REQUIREMENT	BREAKDOWN	APPLIED OR ADVANCED
Language Arts (4 credits)	English 9 A & B English 10 A & B English 11 Writing English 11 Literature And 1.0 credit-additional applied or advanced courses	AP English, Advanced Creative Writing, Business Communications, Creative Writing, Debate, English 1010, English 2200, English 12 Literature, English 12 Writing, Film History, Humanities, Journalism, Mythology, Newspaper, SciFi/Fantasy, Western Lit., 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 or AP US Government & Politics .5 credit – Social Studies Elective Plus, students must pass Utah's required civics test	
Math (3 credits)	Secondary Math 1,2, and 3	AP Calculus, AP Statistics, Accounting 1, College Prep Math, Computer I & II Math 1050, Math 1060, Math of Personal Finance, Pre-calculus, Stats 1040
Science (3 credits)	2.0 credits-one each from two of the four science areas; Earth systems, Biology, Ag Biology, Chemistry, Physics 1.0 credit – additional applied, foundation or advanced	Agricultural Science 1 & 2, Animal Science, Astronomy, Biology 1010, Botany, Chemistry 1010, Electronics 1&2, Engineering Principles 1&2, Environmental Science, Medical Anatomy/Physiology, Physics, Plant Science, Robotics 1&2, Vet Assisting
Healthy Life Styles (2 credits)	.5 credit – Health II .5 credit – Fitness for Life .5 credit – Core PE .5 credit – other PE classes	
Fine Arts (1.5 credits)	1.5 credit – Any Fine Arts class	
Financial Literacy (.5 credits)	.5 credit – Financial Literacy <u>or</u> Adult Roles/Financial Literacy <u>or</u> FCSE 1350 (Personal Fin. Planning)	
Technical (1.5 credits)	.5 credit – Business Office Specialist or Exploring Computer Science or Web Development 1 or Computer Science Principles or Computer Programming and 1.0 credit – any Career and Technical Education class	
Elective (7.5 credits)	Other classes in support of PCCR	

CREDITS FROM REQUIRED CLASSES: 18.5

CREDITS FROM ELECTIVES: 7.5

Utah High School to College and Career PATHWAYS

Find the Pathway That's Right for You. Ask your counselor for a Pathways student guide.



CTE 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 completer certificate and pin for graduation
- 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!

****CE = Concurrent Enrollment**

BUSINESS

(All 1.0 credit Foundation and 2.0 credits Elective)

Accounting & Financial Operations

(1.5 credit Foundation & 2.0 credits Elective)

- __Accounting 1 (.5)
- __BTECH – Bus Tech (Acctg.) (1.0)
 - __Business Communication (.5)
 - __Business Management (.5)
 - __Business Office Specialist (.5)
 - __BTECH Real Estate (1)
 - __CTE Internships (.5)

Marketing

(1.0 credit Foundation & 2.0 credits Elective)

- __Digital Marketing (.5)
- __Sports & Entertainment Mktg (.5)
 - __Business Management (.5)
 - __BTECH Fashion Merch. (1)
 - __BTECH Real Estate (1)
 - __CTE Internships (.5)

Office/Administrative Support

(1.0 credit Foundation & 2.0 credits Elective)

- __Business Communication (.5)
- __Business Office Specialist (.5)
 - __Accounting 1 (.5)
 - __Business Management (.5)
 - __BTECH Media Design (1)
 - __Digital Marketing (.5)
 - __Web Development (.5)
 - __CTE Internships (.5)

AGRICULTURE

(All 2.0 CREDITS Foundation and 1.0 credit Elective)

Agricultural Production Systems

(2.0 credit Foundation & 1.0 credit Elective)

- __ Animal Science 1A (.5)
- __ Animal Science 1B (.5)
- __ Plant Science 1800 (USU CE) (.5)
- __ Plant & Soil Science A (.5)
 - __ Ag Biology A (.5)
 - __ Ag Biology B (.5)
 - __ Agricultural Science 1A (.5)
 - __ Agricultural Science 1B (.5)
 - __ Business Communication (.5)
 - __ Business Management (.5)
 - __ CTE Internships (.5)

Agricultural Mechanics Systems

(2.0 credit Foundation & 1.0 credit Elective)

- __ Ag Systems Tech 1A (.5)
- __ Ag Systems Tech 1B (.5)
- __ Ag Systems Tech 2A (.5)
- __ Ag Systems Tech 2B (.5)
 - __ Ag Biology A (.5)
 - __ Ag Biology B (.5)
 - __ Agricultural Science 1A (.5)
 - __ Agricultural Science 1B (.5)
 - __ BTECH Welding (1)
 - __ Business Communication (.5)
 - __ Business Management (.5)
 - __ CTE Internships (.5)

Veterinary & Animal Science

(2.0 credit Foundation & 1.0 credit Elective)

- __ Animal Science A (.5)
- __ Animal Science B (.5)
- __ Vet Assistant A (.5)
- __ Vet Assistant B (.5)
 - __ Ag Biology A (.5)
 - __ Ag Biology B (.5)
 - __ BTECH Animal Sciences (1)
 - __ Business Communication (.5)
 - __ Business Management (.5)
 - __ Equine Science (.5)
 - __ CTE Internships (.5)

Plant Science

(1.5 credits Foundation & 1.5 credits Elective)

- __ Floriculture (.5)
- __ Plant Science 1800 (USU CE) (.5)
- __ Plant & Soil Science A (.5)
 - __ Ag Biology A (.5)
 - __ Ag Biology B (.5)
 - __ Agricultural Science 1A (.5)
 - __ Agricultural Science 1B (.5)
 - __ Business Communication (.5)
 - __ Business Management (.5)
 - __ CTE Internships (.5)

SKILLED & TECHNICAL

Cabinetmaking/Millwork

(1.5 credit Foundation & 1.5 credits Elective)

- __ Furniture Design and Manufacturing (.5)
 - __ BTECH Drafting (1)
 - __ CAD Architectural Design (.5)
 - __ BTECH Machine Tool (1)
 - __ Woods 1 (.5)
 - __ CTE Internships (.5)

Commercial Photography

(1.0 credit Foundation & 1.5 credits Elective)

- __ Digital Photo 1 (.5)
- __ Digital Photo 2 (.5)
 - __ Video Tech/Production A (.5)
 - __ Video Tech/Production B (.5)
 - __ BTECH Digital Media (1)
 - __ CTE Internships (.5)

Cosmetology

(2.0 credits Foundation & 1.0 credit Elective)

- __ Cosmetology A (1)
- __ Cosmetology B (1)
- __ Cosmetology C (1)
- __ BTECH – Cosmetology (2)
 - __ Accounting 1 (.5)
 - __ Business Management (.5)
 - __ CTE Internships (.5)

Welding

(1.0 credit Foundation & 2.0 credit Elective)

- ___ BTECH Welding (1.0 credit)
 - ___ Business Management (.5)
 - ___ Accounting 1 (.5)
 - ___ BTECH Machine Tool (1)
 - ___ BTECH Drafting (1)
 - ___ Electronics 1 (.5)
 - ___ Electronics 2 (.5)
 - ___ CTE Internships (.5)

Carpentry

(1.5 credits Foundation & 1.5 credits Elective)

- ___ BTECH – Building Construction (2)
 - ___ BTECH – Drafting (1)
 - ___ CAD Architectural Design (.5)
 - ___ Introduction to Construction (.5)
 - ___ CTE Internships (.5)

Machine Tool

(1.0 credit Foundation & 1.0 credit Elective)

- ___ BTECH Machine Tool (1)
 - ___ BTECH Drafting (1)
 - ___ BTECH Welding (1)
 - ___ CTE Internships (.5)

Diesel Mechanic

(1.0 credit Foundation & 2.0 credits Elective)

- ___ BTECH – Heavy Duty Diesel (1)
 - ___ Accounting 1 (.5)
 - ___ Business Management (.5)
 - ___ Electronics 1 (.5)
 - ___ Electronics 2 (.5)
 - ___ Ag Systems Tech 1A (.5)
 - ___ BTECH Auto Collision Repair (1)
 - ___ BTECH Auto Service Tech (1)
 - ___ CTE Internships (.5)

Automotive: Service Technician

(1.5 credit Foundation & 1.5 credit Elective)

- ___ BTECH Auto Service Tech (1.5)
 - ___ Accounting 1 (.5)
 - ___ Business Management (.5)
 - ___ Electronics 1 (.5)
 - ___ Electronics 2 (.5)
 - ___ BTECH Auto Collision (1)
 - ___ BTECH Machine Tool (1)
 - ___ Ag Systems Tech 1A (.5)
 - ___ BTECH Welding (1)

__CTE Internships (.5)

Automotive: Collision Repair

(1.0 credit Foundation & 2.0 credits Elective)

__BTECH Auto Collision (1)

__Accounting 1 (.5)

__Business Management (.5)

__Electronics 1 (.5)

__Electronics 2 (.5)

__BTECH Auto Service Tech (1)

__BTECH Machine Tool (1)

__Ag Systems Tech 1A (.5)

__BTECH Welding (1)

__CTE Internships (.5)

CAD Architectural Design

(1.5 credit Foundation & 1.5 credits Elective)

__CAD Architectural Design (.5)

__BTECH Drafting (1)

__Introduction to Construction (.5)

__Physics A (.5)

__Physics B (.5)

__CTE Internships (.5)

CAD Mechanical Design

(1.5 credit Foundation & 1.5 credits Elective)

__BTECH Drafting (1.5)

__Physics A (.5)

__Physics B (.5)

__CTE Internships (.5)

HEALTH SCIENCE

Dental Assisting

(1.0 credits Foundation & 1.0 credit Elective)

__BTECH – Dental Assisting (2)

__Intro to Health Science (.5)

__Foods & Nutrition 1 (.5)

__Foods & Nutrition 2 (.5)

__Nutrition 1020 (WSU CE) (.5)

__Medical Anatomy & Physiology A (.5)

__Medical Anatomy & Physiology B (.5)

__Medical Terminology (.5)

__Advanced Health Science A 1110 (WSU CE) (.5)

__Advanced Health Science B 1111 (WSU CE) (.5)

__Advanced Health Science C 1111 (WSU CE) (.5)

__CTE Internships (.5)

Pharmacy Technician

(1.0 credits Foundation & 2.0 credits Elective)

- ☐ BTECH Pharmacy Technology (1)
 - ☐ Intro to Health Science (.5)
 - ☐ Medical Anatomy & Physiology A (.5)
 - ☐ Medical Anatomy & Physiology B (.5)
 - ☐ Medical Terminology (.5)
 - ☐ Advanced Health Science A 1110 (WSU CE) (.5)
 - ☐ Advanced Health Science B 1111 (WSU CE) (.5)
 - ☐ Advanced Health Science C 1111 (WSU CE) (.5)
 - ☐ CTE Internships (.5)

Nursing Services

(1.0 credit Foundation & 2.0 credits Elective)

- ☐ BTECH Nurse Assistant (1)
 - ☐ Intro to Health Science (.5)
 - ☐ Intro to EMS (First Aid) (.5)
 - ☐ Food & Nutrition 1 (.5)
 - ☐ Food & Nutrition 2 (.5)
 - ☐ Nutrition 1020 (WSU CE) (.5)
 - ☐ Medical Anatomy & Physiology A (.5)
 - ☐ Medical Anatomy & Physiology B (.5)
 - ☐ Medical Terminology (.5)
 - ☐ Advanced Health Science A 1110 (WSU CE) (.5)
 - ☐ Advanced Health Science B 1111 (WSU CE) (.5)
 - ☐ Advanced Health Science C 1111 (WSU CE) (.5)
 - ☐ HDFS 1500/Human growth (USU CS) (.5)
 - ☐ CTE Internships (.5)

Medical Assistant

(1.0 credits Foundation & 1.0 credit Elective)

- ☐ BTECH Medical Assistant (1)
 - ☐ Intro to Health Science (.5)
 - ☐ Medical Anatomy & Physiology A (.5)
 - ☐ Medical Anatomy & Physiology B (.5)
 - ☐ Medical Terminology (.5)
 - ☐ Intro to EMS (First Aid) (.5)
 - ☐ Advanced Health Science A 1110 (WSU CE) (.5)
 - ☐ Advanced Health Science B 1111 (WSU CE) (.5)
 - ☐ Advanced Health Science C 1111 (WSU CE) (.5)
 - ☐ CTE Internships (.5)

Exercise Science/Sports Medicine

(1.0 credit Foundation & 2.0 credits Elective)

- __ Exercise Science A or 2175A (WSU CE) (.5)
- __ Exercise Science B or 2175 B (WSU CE) (.5)
 - __ Intro to EMS (.5)
 - __ Intro to Health Science (.5)
 - __ Medical Anatomy & Physiology A (.5)
 - __ Medical Anatomy & Physiology B (.5)
 - __ Medical Terminology (.5)
 - __ Advanced Health Science A 1110 (WSU CE) (.5)
 - __ Advanced Health Science B 1111 (WSU CE) (.5)
 - __ Advanced Health Science C 1111 (WSU CE) (.5)
 - __ CTE Internships (.5)

FAMILY & CONSUMER SCIENCE

Interior Design

(1.5 credit Foundation & 2.0 credits Electives)

- __ Interior Design 1 (.5)
- __ BTECH Interior Design (1)
 - __ CAD Architectural Design (.5)
 - __ BTECH Drafting (1)
 - __ Furniture Design & Mfg. (.5)
 - __ CTE Internships (.5)

Fashion Design Manufacturing & Merchandising

(1.5 credits Foundation & 1.5 credits Electives)

- __ Fashion Design Studio (.5)
- __ Apparel Design & Production I (Designer Sewing 1) (.5)
- __ Apparel Design & Production II (Designer Sewing 2) (.5)
 - __ Accounting I (.5)
 - __ BTECH Fashion Merchandising (1)
 - __ CTE Internships (.5)

Early Childhood Education

(1.0 credits Foundation & 1.0 credit Elective)

- __ Child Development (Prerequisite to Early Child)
- __ Early Childhood Education 1 (can be taken twice for 1.0 credit)
- __ Food & Nutrition 1
 - __ Food & Nutrition 2
 - __ Nutrition 1020 (WSU CE)
 - __ HDFS 1500/Human growth (USU CE)
 - __ Adult Roles & Financial Lit A&B
 - __ HDFS 2400-Marriage/Family (USU CE)
 - __ Accounting I
 - __ CTE Internships

Culinary Arts

(1.0 credits Foundation & 2.0 credit Elective)

- ☐ BTECH Culinary Arts (1)
 - ☐ Food & Nutrition 1 (.5)
 - ☐ Food & Nutrition 2 (.5)
 - ☐ Nutrition 1020 (WSU CE) (.5)
 - ☐ CTE Internships (.5)

Food Science, Dietetics & Nutrition

(1.0 credit Foundation & 2.0 credits Elective)

- ☐ Food & Nutrition 2 (.5)
- ☐ Nutrition 1020 (USU CE) (.5)
 - ☐ Food & Nutrition 1 (.5)
 - ☐ Intro to Health Science (.5)
 - ☐ HDFS 1500/Human growth (USU CE) (.5)
 - ☐ Med Anatomy & Physiology A (.5)
 - ☐ Med Anatomy & Physiology B (.5)
 - ☐ CTE Internships (.5)

EDUCATION

Pre-K: Early Childhood Education

(1.5 credits Foundation and 1.5 credits Elective)

- ☐ Child Development (.5)
- ☐ Early Childhood Education 1 (may be taken twice for 1.0 credit)
 - ☐ Accounting 1 (.5)
 - ☐ Adult Roles/Financial Literacy A (.5)
 - ☐ Adult Roles Financial Literacy B (.5)
 - ☐ HDFS 1500 – Human Dev. (USU CE) (.5)
 - ☐ HDFS 2400 – Marriage/Family (USU CE) (.5)
 - ☐ Food and Nutrition 1 (.5)
 - ☐ Nutrition 1020 (WSU SE) (.5)
 - ☐ CTE Internships (.5)

TECHNOLOGY & ENGINEERING

Robotics & Electronics

(2.0 credits Foundation & 1.0 credit Elective)

- ☐ Robotics & Automation 1 (.5)
- ☐ Robotics & Automation 2 (.5)
- ☐ AM STEM Robotics (1)
 - ☐ Computer Programming I (.5)
 - ☐ Computer Programming II (.5)
 - ☐ Physics A (.5)
 - ☐ Physics B (.5)
 - ☐ CTE Internships (.5)

Electrical Engineering

(2.0 credits Foundation & 1.0 credit Elective)

- __ Electronics 1 (.5)
- __ Electronics 2 (.5)
- __ Engineering Principles 1 (.5)
- __ Engineering Principles 2 (.5)
 - __ Physics A (.5)
 - __ Physics B (.5)
 - __ CTE Internships (.5)

Mechanical Engineering

(2.0 credits Foundation & 1.0 credit Elective)

- __ BTECH Drafting (1)
- __ Engineering Principles 1 (.5)
- __ Engineering Principles 2 (.5)
 - __ Physics A (.5)
 - __ Physics B (.5)
 - __ CTE Internships (.5)

INFORMATION TECHNOLOGY

Web Development

(1.5 credits Foundation & 1.5 credits Elective)

- __ Web Development 1 (.5)
- __ BTECH Web & Mobile Development (1)
 - __ BTECH Intro to Info Tech (1)
 - __ IT Academy (BTECH Broadcast) (1)
 - __ Digital Marketing (.5)
 - __ CTE Internships (.5)

CAREER PATHS: ARTISTIC-CENTERED

While filling their core required classes, students interested in artistic-centered career paths should select classes that complement their artistic goals, for instance, Fine Arts classes that are in their area of career interest, Social Studies classes that support the career path, concurrent enrollment and AP classes that relate to the career path.

ARTISTIC CAREER OPTIONS

LITERARY	PERFORMING	VISUAL
Author Editor English Teacher Journalist Publisher Technical Writer Translator	Actor Choreographer Composer Dancer Model Music Teacher Producer	Art Teacher Artist/Graphic Artist Cartoonist Commercial Artist Floral Designer Interior Designer Photographer

RECOMMENDED ELECTIVE COURSES IN SUPPORT OF ARTISTIC PATHS

LITERARY	PERFORMING	VISUAL
AP English Creative Writing Debate English 1010 English 2200 Foreign Language Humanities Journalism/Yearbook/Newspaper Western Literature and Film CTE Internships	Band Drill Team Cheerleading Choir Apparel Design Color guard Fashion Strategies Western Literature and Film Music 1010 Orchestra Song Writing CTE Internships	AP Art Ceramics Ceramics 2 Apparel Design Interior Design Sculpture Video Tech/Production CTE Internships

CAREER PATHS: BUSINESS-CENTERED

While filling their core required classes, students interested in business-centered career paths should select classes that complement their business goals, for instance, Business classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP classes that relate to the career path.

BUSINESS CAREER OPTIONS

OFFICE TECHNOLOGY	BUSINESS ADMINISTRATION	ACCOUNTING/FINANCE	MARKETING SALES
Court Reporter Data Entry Clerk Legal Secretary Medical Records Office Clerk Paralegal Receptionist Secretary Travel Agent	CEO Hotel Manager Insurance Adjuster Personnel Manager Public Relations Director	Accountant Auditor Bank Teller Banker Business Owner Buyer Loan Officer Stockbroker Tax Preparer	Bill Collector Buyer Economist Fashion Merchandise Insurance Salesman Realtor Retail Clerk Sports Marketing Store Manager

RECOMMENDED ELECTIVE COURSES IN SUPPORT OF BUSINESS PATHS

OFFICE TECHNOLOGY	BUSINESS ADMINISTRATION	ACCOUNTING/FINANCE	MARKETING SALES
Accounting 1 & 2 Adult Roles AP English Business Communication Web Page Design Bus. Office Specialist or Exploring Computer Sci. ECON 1500 Foreign Language FCSE 1350 CTE Internships	Accounting 1 & 2 AP Statistics Business Communication Business Management Web Page Design Bus. Office Specialist or Exploring Computer Sci. ECON 1500 Financial Literacy Marketing FCSE 1350 CTE Internships	Accounting 1 & 2 AP Statistics Business Communication Business Management Bus. Office Specialist or Exploring Computer Sci. ECON 1500 Financial Literacy Marketing FCSE 1350 CTE Internships	Accounting 1 & 2 AP Statistics Business Communication Business Management Bus. Office Specialist or Exploring Computer Sci. E-Commerce/Mktg. (BTECH) ECON 1500 Fashion Merchandising/Strat. Marketing CTE Internships

CAREER PATHS: SCIENTIFIC-CENTERED

While filling their core required classes, students interested in scientific-centered career paths should select classes that complement their scientific goals, for instance, Science classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP classes that relate to the career path.

SCIENTIFIC CAREER OPTIONS

MEDICAL	ENGINEERING	NATURAL SCIENCE
Anesthesiologist Dietician Home Health Care Aide/CAN Ophthalmologist Paramedic Pharmacist Physical Therapist Respiratory Therapist Physician Dentist Physician Assistant Dental Assistant Psychiatrist Radiologist/X-ray Technician Veterinarian	Chemical Engineer Chemist Civil Engineer Electrical Engineer Mechanical Engineer Physicist Surveyor	Agricultural Biologist Environmental Scientist Farm Management Forestry Geologist Horticulturist Marine Biologist Meteorologist Natural Resource Management Nursery/Greenhouse Mgmt. Wildlife Management Veterinarian Zoologist

RECOMMENDED ELECTIVE COURSES IN SUPPORT OF SCIENTIFIC PATHS

MEDICAL	ENGINEERING	NATURAL SCIENCE
Adult Roles Advanced Anatomy/Physiology AG Biology Anatomy/Physiology Animal Science AP Biology AP Calculus AP Statistics Biology Chemistry Dental Assisting ECON 1500 Human Growth/HDFS 1500 Intro to EMS Intro to Anatomy Medical Terminology Nurse Aide Nutrition Physics Psychology/1010 CTE Internships	AP Calculus AP Statistics Chemistry 1010 Drafting/CAD Electronics English 1010 Math 1050 Physics CTE Internships	AG Biology Animal Science AP Biology AP Calculus AP Statistics Astronomy Biology/AP Biology Chemistry 1010 Chemistry English 1010 Environmental Science Plant Science 1800 Physics CTE Internships

CAREER PATHS: SOCIAL/HUMANITARIAN-CENTERED

While filling their core required classes, students interested in social/humanitarian-centered career paths should select classes that complement their goals, for instance, Social Science classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP classes that relate to the career path.

SOCIAL/HUMANITARIAN CAREER OPTIONS

EDUCATION	PERSONAL/CUSTOMER SERVICE	SOCIAL/GOVERNMENT
Audiologist Classroom Aides Coach Counselor Day Care Guidance Counselor Librarian Music Therapist Principal Special Education Speech Pathologist Teacher	Bus Driver Cashier Clergy/Minister Cosmetology Flight Attendant Funeral Director Hotel Management Manicurist Recreation Director Travel Agent Waiter/Waitress	Case Worker Corrections Officer Detective FBI Agent Firefighter Guard Judge Lawyer Military Careers Occupational Therapist Paralegal Policeman Psychologist Social Worker

RECOMMENDED ELECTIVE COURSES IN SUPPORT OF SOCIAL/HUMANITARIAN PATHS

EDUCATION	PERSONSAL/CUSTOMER SERVICE	SOCIAL/GOVERNMENT
Adult Roles/Financial Literacy AP English Child Development/Child Care Debate English 1010 English 2200 Foreign Language Human Growth/HDFS 1500 Peer Tutor Psychology/1010 Sociology Western Literature CTE Internships	Adult Roles/Financial Literacy Biology/AP Biology Chemistry Child Development/Child Care E-Commerce/Marketing (BTECH) Fashion Strategies Foreign Language Human Growth/HDFS 1500 Physical Education Psychology/1010 Sociology CTE Internships	Adult Roles/Financial Literacy American Government AP Statistics Debate English 1010 Western Literature Foreign Language History Human Growth/HDFS 1500 Humanities Psychology/1010 Sociology World History CTE Internships

CAREER PATHS: TECHNICAL-CENTERED

While filling their core required classes, students interested in technical-centered career paths should select classes that complement their goals, for instance, Technical classes that are in their area of career interest, other core classes that support the career path, concurrent enrollment and AP classes that relate to the career path.

TECHNICAL CAREER OPTIONS

CONSTRUCTION/MA NUFACTURING	COMMUNICATIONS/EL ECTRONICS	EQUIPMENT OPERATION	SPECIALTY SERVICES
Architect Assembly Line Brick Mason Cabinetry Carpenter Electrician Heating/Air Cond. Machinist Painter Plumber Welder	Audio/Video Specialist Communications Tech Computer Engineer Electronic Repair Fiber Optics Tech Network System Eng. Network System Mgr. Systems Analyst Video Tech Web Designer Web Manager	Airline Ground Support Auto Mechanic Auto Body Repair Delivery Driver Diesel Mechanic Forklift Operator Pilot Road Construction Small Engine Mechanic Truck Driver Welder	Baker Cartographer Chef Cosmetologist Culinary Arts Custodian Locksmith Meat Cutter Pest Control Seamstress

RECOMMENDED ELECTIVE COURSES IN SUPPORT OF TECHNICAL PATHS

CONSTRUCTION/ MANUFACTURING	COMMUNICATIONS/EL ECTRONICS	EQUIPMENT OPERATION	SPECIALTY SERVICES
Building Const. BTECH Diesel BTECH CAD Mech. Design 1 CAD Arch. Design 2 Physics collet Furniture Design CTE Internships	Business Comm. Web Page Design Electronics 1 Electronics 2 Journalism Yearbook Light and Sound Multi Media Design/Pro BTECH PC Repair BTECH Digital Photo 1 Digital Photo 2 Physics Video/Tech Prod. CTE Internships	AG Systems 1 AG Systems 2 Auto Collision BTECH Auto Mechanics BTECH Diesel BTECH Machine Shop BTECH Physics CTE Internships	AG Systems 1 AG Systems 2 Designer Sewing 1 Designer Sewing 2 Cosmetology BTECH Foods & Nutrition 1 Foods & Nutrition 2 Culinary Arts BTECH CAD Mechanical Design 1 CAD Architectural Design 2 Fashion Design Studio Machine Shop BTECH Meat Cutting BTECH CTE Internships

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 close in or near Cache Valley. Bridgerland Technical College, Utah State University, Weber State University, Stevens Henager Business College and ITT Center 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 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: MCHS 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 Technical College offers most of its courses to high school students. Students may enroll in these courses at no cost. Transportation to and from Bridgerland is provided by MCHS. 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. A parent permission form must be submitted before admittance. Students should contact their counselor for the form. Students must fill out the high school application and register at my.btech.edu for each class they are taking at BTECH. This is a first-come-first-serve basis to reserve their seat in the class.

RECOMMENDATIONS FOR COLLEGE-BOUND STUDENTS

Colleges and universities require solid academic training of all admitted students. Basically, Utah colleges and universities expect 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, at least through Secondary Math 3 and beyond
Three years of Science – 2 Core plus Elective Science
Two years of a Foreign Language

Through Concurrent Enrollment courses and through Advanced Placement 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 enroll in as many concurrent enrollment or advanced placement classes as possible, not only because the cost is a fraction of the cost at a college or university, but also because those same classes are difficult to enroll in at colleges or universities.

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 the approved courses for Mountain Crest.**

English	Mathematics	
Creative Writing	Secondary Math 1	
English 9	Secondary Math 1 Honors	
English 10	Secondary Math 2	
English 11 Lit	Secondary Math 2 Honors	
English 11 Writing	College Prep Math AB	
English 12 Lit	Secondary Math 3	
English 12 Writing	Secondary Math 3 Honors	
English 1010	Calculus AB/AP	
English 2200	Calculus AB/AP (3 rd Trimester)	
English/AP	Calculus BC/AP	
English/AP (3 rd Trimester)	Calculus BC/AP (3 rd Trimester)	
Humanities	Math 1050	
Journalism (.5 unit max – 1 st Trimester Only)	Math 1060	
Mythology	Precalculus	
Western Literature	Statistics 1040	
Social Science	Natural/Physical Science	Lab
American Government	Astronomy	X
Ancient World History	Bio-Agricultural Science	
ECON 1500	Biology	X
European History/AP	Biology 1010	
European History/AP (3 rd Trimester)	Biology/AP	X
Govt/Law/AP	Biology/AP (3 rd Trimester)	X
H/Growth HDFS 1500	Botany	X
Humanities	Chemistry	X
Modern World History	Chemistry 1010	
Psychology	Chemistry/AP	X
Psychology 1010	Chemistry/AP (3 rd Trimester)	X
Sociology	Earth Systems Science	X
US History	Env Science	X
US History/AP	Env Science/AP	X
US History/AP (3 rd Trimester)	Medical Anatomy and Physiology	
World Geography	Physics	X
Additional Core Courses	Additional Core Courses	
Chinese 1	German 1010	
Chinese 2	German 1020	
French 1	Spanish 1	
French 2	Spanish 2	
German 1	Spanish 3	
German 2		

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. Except for the Studio Art exams, which are portfolio assessments, AP Exams contain multiple-choice questions and a free-response section. 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 \$100.00 for each examination. Although AP classes do not have a prerequisite requirement, MCHS highly recommends a student has a Cumulative GPA of 3.0.

The following AP classes may be offered at Mountain Crest:

BIOLOGY

CALCULUS

COMPARATIVE GOVERNMENT & POLITICS

ENGLISH LITERATURE & COMPOSITION

EUROPEAN HISTORY

STATISTICS

US GOVERNMENT & POLITICS

US HISTORY

STUDIO ART

CONCURRENT ENROLLMENT

Prerequisite: Cumulative 3.0 GPA

Concurrent Enrollment are university courses taught at the high school wherein the student received both high school credit and university credit. **The content, texts, examinations, and expectations are the same as if the class was taken at the university.** In order to participate in Concurrent Enrollment, a student must:

- Maintain a 3.0 high school GPA
- Be a junior or senior, sophomores and freshman are by exception
- Be admitted to each university from which the course is offered and pay the one time admission fee directly to that university. While the majority of courses offered at our high school are through USU, some are offered through WSU.
- Register each trimester directly with the university from which the course is offered. If you wait more than 12 school days to register, a \$100 USU late registration fee will be applied.
- Pay each trimester the \$5/credit tuition charge directly to the university from which the course is offered. If you wait more than 12 school days to pay, a \$15 USU late payment fee will be applied.

Mountain Crest also receives broadcast courses from USU where the instructor is not physically present at MC. These courses provide additional university offerings that may otherwise not be taught here. 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 students not interested in that level of work should not register for them. Under Utah's Board of Regents directive, sophomore students may not register for concurrent enrollment classes. Following are concurrent enrollment classes offered at Mountain Crest.

USU CONCURRENT ENROLLMENT CLASSES

CHEMISTRY 1010
ECON 1500
ENGLISH 1010
ENGLISH 2200
HDFS 1500
HDFS 2400
MATH 1050
MATH 1060
MUSIC 1010
FCSE 1350
PLANT SCIENCE 1800
PSYCHOLOGY 1010
STATS 1040

WSU CONCURRENT ENROLLMENT CLASSES

ADV HEALTH SCIENCE 1110, 1111
MEDICAL TERMINOLOGY 1101
NUTRITION 1020
EXERCISE SCIENCE AT 2175 A/B
EDUC 1010

EDNET

EdNet classes are electronically broadcast concurrent enrollment courses offered at Mountain Crest via Utah universities' distance education. These classes offer access to college credit classes that may otherwise not be taught at MC. **The same prerequisites for concurrent enrollment apply, included a Cumulative GPA of 3.0. Class offerings vary.** Currently the following classes may possibly be offered:

ADV HEALTH SCIENCE 1110, 1111
BIOLOGY 1010
HDFS 1500
GEOLOGY 1060
HISTORY 1700

MUSIC 1010
PSYCHOLOGY 1010
POLITICAL SCIENCE 1100
PHILOSOPHY 1000

SCHOLARSHIPS

THERE ARE THREE MAIN CATEGORIES OF SCHOLARSHIPS. THEY ARE:

Academic Scholarships: Based solely on your ACT/SAT score and your GPA. 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 freshman. Note: you may apply for these throughout your college experience!

General Scholarships: Practically anyone or any organization or entity can create a scholarship and set the parameters for who can qualify. This is where you'll have to sift and dig 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 MCHS scholarship website. Keep in mind that you shouldn't ever have to pay to find scholarships or give out your social security number! 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 like, and more on this website.

Regents Scholarship: Information regarding the Regents scholarship can be found on the website www.regentsscholarship.org.

USU General Education Requirements

Available at

Mountain Crest High School

3.0 GPA required

Competency Requirements

Communications Literacy 1 Choose one: <ul style="list-style-type: none"> ENGL 1010 AP English Literature (score of 3 or higher) ACT English test score of 29 or higher 	Quantitative Literacy Choose one: <ul style="list-style-type: none"> Math 1050 AP Calculus (score of 3 or higher) ACT Math test score of 25 or higher STATS 1040
Communications Literacy 2 <ul style="list-style-type: none"> ENGL 2010 – this course is not offered at the high school. If desired, it can be taken online through USU. 	

Breadth Requirements

Breadth American Institutions Choose one: <ul style="list-style-type: none"> ECON 1500 POLS 1100** AP Govt & Politics: US (score of 3 or higher) AP US History (score of 3 or higher) 	Breadth Life Sciences Choose one: <ul style="list-style-type: none"> PSC 1800 (2 semester course) NFS 1020* BIOL 1010 ** AP Biology (score of 3 or higher)
Breadth Creative Arts Choose one: <ul style="list-style-type: none"> MUSC 1010 AP Studio Art (score of 3 or higher) 	Breadth Physical Sciences Choose one: <ul style="list-style-type: none"> CHEM 1010 AP Chemistry GEO 1060**
Breadth Humanities Choose one: <ul style="list-style-type: none"> ENGL 2200 PHIL 1000** AP English Literature (score of 3 or higher) AP European History (score of 3 or higher) AP English Test (score of 3 or higher) 	Breadth Social Sciences Choose one: <ul style="list-style-type: none"> HDFS 1500 HDFS 2400 PSY 1010 AP Comparative Govt (score of 3 or higher)
Exploratory Breadth <ul style="list-style-type: none"> Choose one additional breadth course from any of the above 	

Non-General Education Elective Credits

Adv Health Science 1105, 1106* Spanish 3, French 3, and German 3 are offered with a college credit option FCSE 1350 Exercise Science AT 2175* MATH 1060

*Weber State University credit, transferable to USU

**Offered through the Ednet System periodically

COLLEGE ENTRANCE EXAM PREPARATION

Most colleges and universities in Utah require an ACT score for admission. The following test are suggested as follow:

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 the test, as it is the qualifier for this competition. Fee required (some fee waivers are available to qualifying students). Students sign up at the fee window. Juniors are encouraged to take the ACT 1-2 times during December-June. See below for more info.

Senior Year: Seniors should repeat the ACT in September and October to meet early December scholarship deadlines.

Students register for the ACT at www.actstudent.org

2020-2021 NATIONAL ACT TEST DATES

Feb. 6, 2021	February 5, 2022
Apr. 10, 2021	April 9, 2022
June 12, 2021	June 11, 2022
July 17, 2021	July 16, 2022
September 11, 2021	
October 23, 2021	

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 AND ACCELERATION 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.

CREDIT RECOVERY

Utah Students Connect Summer School (USC)

Cost: \$48 per .25 credit

<http://schools/utah.gov/edonline/default.aspx>

For original credit. Online program that you can work on from home. A teacher assigned to each course will grade assignments. Limited courses available. Proctored final exams will be taken at the District Office at the end of summer. Two classes will need to be taken to make up the .5 credit. Once the course is open it must be completed. You must log in once at least every 10 days or you will be dropped and receive an F grade.

Cache High Summer School

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

Cache High offers CLEP exams and packets for CLEP exams. A student must pass the CLEP exam with a 70% or higher. Two CLEP tests will need to be taken to make up the .5 credit.

FLEX Hour for Credit, including BTECH

Cost: Free <http://www.ccsdut.org/MtCrestHigh.cfm> Quick Link Flex Period Information

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 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 take up to 1.0 Elective credit by taking a Bridgerland course over the summer. Courses run from June 13-July 29th and students are expected to have excellent attendance.

Credit Recovery

Flex period is an opportunity for students to make up lost credit. Students who take seminary have the opportunity to take it during Flex in order to free up more time in their regular schedule.

ACCELERATION

BYU Independent Study

Cost: \$150 per .5 credit or \$52 for select elective character/language arts courses

<http://ce.byu.edu/is/site/courses/enroll.cfm>

FLEX Hour for Credit, including BTECH

Cost: Free <http://www.ccsdut.org/MtCrestHigh.cfm> ☐ Quick Link☐Flex Period Information

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 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 take up to 1.0 Elective credit by taking a Bridgerland course over the summer. Courses run from June 20-July 26th and students are expected to have excellent attendance.

Utah Students Connect

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

<http://schools/utah.gov/edonline/default.aspx>

For original credit. Students may replace MCHS 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 per year. Student may come late or leave early to accommodate these classes but may not be on MCHS' campus during online class time. All questions about coursework, deadlines, etc. will need to be directed to the online provided the student chooses to enroll with.

Additional Credit

Students may enroll in Summer Ag Applied Technology. This class is a personalized, hands-on experience during the summer months. Students design their own personal projects, agriculture projects or summer work. The class yields technical credit. Interested students should see an Agriculture teacher or a counselor before summer.

Bridgerland Technical College also offers free courses for high school students. Transportation is not provided to or from classes. Students wishing to enroll in the evening classes should see their counselor for more information.

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

LANGUAGE ARTS

ENGLISH

Grade	Credit	Course
9	1.0	English 9 (required)
10	1.0	English 10 (required)
11	.5	English 11 Writing (required)
11	.5	English 11 Literature (required)
12	.5	Writing (English 12 Writing, English 12 Literature, 1010, Creative Writing, AP English, Debate)
12	.5	Applied or Advanced

REQUIRED ENGLISH 9 COURSES

ENGLISH 9 A & B

1.0 English credit

Grade 9

Course #4078, 4079

This is a two-trimester class that will include short stories and elements of story writing. This class will also read the novel, *To Kill a Mockingbird*, integrating concepts like character analysis, theme, and historical elements into story writing. Along with reading, students will also look at argumentative paper writing and researching skills, vocabulary and grammar skills, and journaling. Students will also be reading Shakespeare's *Romeo and Juliet*. It will define poetic devices and focus on poetic elements found within the play. This class will also focus on informational writing and the different text structures associated with relaying information. Students will continue building English skills with daily grammar practice and sentence structure reviews. (NCAA)

REQUIRED ENGLISH 10 COURSES

ENGLISH 10 A & B

1.0 English credit

Grade 10

Course #4095, 4096

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. This course will also 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. This course will focus on identifying audience and purpose in writing through a variety of writing assignments—creative nonfiction, writing from reading, writing to inform, and writing to persuade. Students will be introduced to MLA documentation and citation. (NCAA)

REQUIRED ENGLISH 11 COURSES

ENGLISH 11 LITERATURE

.5 English credit

Grade 11

Course #4011

In the Literature 11—American Literature course, students will read, write, think, and learn about important themes of journey and self-discovery through the study of novels, short stories, poetry, nonfiction, and drama. This course counts for .5 required Literature 11 credit and must be taken as an 11th grader. (NCAA)

ENGLISH 11 WRITING

.5 English credit

Grade 11

Course #4010

This one-trimester course builds on strategies introduced in Basic Writing and includes ACT preparation and review. Students will engage in the process of writing through critical reading and writing activities, pre-and post-writing exercises, drafting, revising and proofreading. Students will identify audience and purpose in writing through a variety of writing assignments—technical documents, research projects, and journalistic articles. Students will master MLA documentation and citation through the use of summary, paraphrase and direct quote. This course is required and must be taken as an 11th grader. (NCAA)

ELECTIVE ENGLISH COURSES

AP ENGLISH (LITERATURE AND COMPOSITION) A, B, C

1.5 Elective English credit

Grade 11-12

Course # 4054, 4055, 4056

Prerequisite: 3.0 GPA

This is a full-year course designed for motivated students who are looking for a challenging, rewarding English course. The course covers material from both the AP Literature and Composition and AP Language and Composition tests. This course encompasses the study of both rhetoric and literature. This includes primary historical documents (e.g., speeches, letters, and non-fiction texts), novels, dramatic literature, short stories, and poetry from various time periods. Rhetorical and literary analysis, writing, reading, and thinking skills are emphasized. Students can choose to take one or both of the AP test. While credit given varies by institution, USU allots credit as follows:

- AP Language Test: 3 CL1 credits (equivalent to English 1010) and 3 elective credits for a score of 3 or higher.
- AP Literature Test: 3 BHU credits (equivalent to English 2020) and 3 elective credits for a score of 3 or higher.

\$100 fee for AP test. (NCAA)

BUSINESS COMMUNICATIONS

.5 Technical or English credit

Grade 10-12

Course #8401

Communication influences all factors of life, and 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 sides of communication including verbal interactions, written communications, nonverbal cues, and using technology to maximize impact.

CIP 52.0511

CREATIVE WRITING

.5 Elective English credit

Grade 11-12

Course #4025

This elective, one-trimester class directs students who want additional instruction in writing creative nonfiction, short story and flash fiction, poetry, and script. Students will study the elements of storytelling, including descriptive and figurative language, narrative structure, character development, and setting creation. They will create meaningful plot and sequence and characters with depth and purpose, and explore thematic expression.

ADVANCED CREATIVE WRITING

.5 Elective English credit

Grades 11-12

Course #4059

Prerequisite: completed Creative Writing

Advanced Creative Writing is a project based course in which students work on a novel, work of poetry, or other comparable project with the intent to publish.

DEBATE 1A

.5 Elective English credit

Grade 9-12

Course #4064

This first trimester course will help students develop poise, confidence, awareness of current social problems and issues, and the ability to communicate their ideas clearly and persuasively. The presentation and social skills developed make the class valuable for all career interests. In this class, students learn and compete in several events, such as; impromptu and extemporaneous speaking, oratory, student congress, humorous and dramatic interpretation. Lincoln Douglas debate, Public Forum, and Policy debate. Students enrolled in the course are expected to compete as part of the debate team. Students must meet all competition eligibility requirements, including a minimum 2.0 GPA in the preceding trimester in order to take the class.

DEBATE 1B

.5 Elective English credit

Grade 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 of 2.0 GPA in the preceding trimester in order to take this class.

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. (NCAA)

ENGLISH 12 LITERATURE

.5 Elective English credit

Grade 12

Course #4015

This class is for the college or career bound student who is interested in exploring literature from both personal and academic perspectives. The course will focus on novels, short stories, poetry and drama. Texts will include both self-selected and teacher-assigned titles. (NCAA)

ENGLISH 1010

Concurrent Enrollment 3 USU credits

.5 Elective English credit

Prerequisite: 3.0 GPA

Grade 12

Course #4050

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

Prerequisite: 3.0 GPA

Grade 12

Course #4051

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

HUMANITIES A, B: Special Topics

.5 Elective English, Soc Studies, or Fine Art credit

Grades 11-12

Course #4026, 4027

A student can choose to take one or more of these classes. Section A does not have to be taken in order to take Section B. Interdisciplinary Humanities are a series of classes that integrate the literature, art, music, history, religion, and philosophy or Western civilization. (NCAA)

Each trimester, a time period is covered:

Humanities A focuses on Greeks, Romans, and Egyptians.

Humanities B: Special Topics focuses on the 20th Century, included but not limited to, WWI and WWII.

Credit earned in this class may be used as a Social Studies credit.

JOURNALISM - NEWSPAPER A, B, C

.5 – 1.5 Elective credit

Grades 10-12

Course #4040, 4041, 4042

When you take this course, you become a member of the school newspaper staff. You will learn the skills for online and print reporting. These skills include: reporting, broadcasting, photo journalism, video journalism, podcasting, interviewing, sports reporting, and digital and print layout and design. (NCAA)

JOURNALISM – YEARBOOK A, B, C

.5-1.5 Elective English credit

Grades 11-12

Course #4043, 4044, 4045

This one, two or three trimester class includes ethical reporting, editing, computer layout design, and photography. Students will be responsible for producing the school yearbook.

MYTHOLOGY (FOLKLORE)

.5 Elective English credit

Grades 11-12

Course #4038

This one-trimester course first overviews the mythology and heroic epics of various cultures, then explores different types of folklore and their manifestations in present-day life. The class requires minor reading and writing assignments, as well as a heroic epic project and a portfolio of folkloric artifacts.

SPANISH LITERACY

.5 Elective English credit

Grades 11-12

Course #4077

This course is for students whose home language is Spanish. It is designed to develop and improve students' reading and writing skills in Spanish. The class is to help students who already speak Spanish acquire the skills necessary to obtain high-paying bilingual jobs after high school. In this class, students will be introduced to the study of literature and practice of formal writing in Spanish. This course will teach students the proper use of accents and grammar in writing. Students will also learn about different Spanish speaking countries and cultures around the world. ****10th grade students must have approval from counselor to take this class.**

SPORTS LITERATURE and BROADCASTING

.5 Elective English credit

Grades 11-12

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.

WESTERN LITERATURE (and FILM)

.5 Elective English credit

Grades 11-12

Course #4031

This elective, one-trimester course offers an historical and contemporary sampling of novels, short stories, and poetry of the West through study of film. Students will read and listen to a variety of pioneer, cowboy, Native American, and immigrant authors. (NCAA)

SCI/FI FANTASY

.5 Elective English Credit

Grades 9-12

Course #4036

This elective, one-trimester course first give a chronological overview of science fiction stories while analyzing the relationship between science and humanity. It will then explore works of fantasy, focusing on how the genre employs heroic ideals to reflect on our real world.

WORLD LANGUAGES

¿Habla español?

Sprechen Sie Deutsch?

你看得懂吗？

Parlez-vous français?

Learning a second language will connect you with other cultures, advance your career, and enrich your experiences when you travel the world. Many colleges and universities prefer serious-minded students who have a minimum of two years of study in the same language.

*Students who are interested in attending the University of Utah or BYU must complete at least two years of the same foreign language.

Students who study 3 years of the same language have the option to earn an Academic Letter at MCHS.

FRENCH 1A & 1B

1 Elective Credit

Grades 9-12

Course #4714, 4715

This course is an introduction to the French language and culture. This is an exciting class filled with activities centered on building vocabulary and fluency through listening, speaking, reading, and writing. Students will learn hundreds of vocabulary words, basic sentence structure, and will be able to communicate at a basic level in everyday situations with a goal of reaching a level of Novice-High proficiency. French culture will be studied with classroom activities and discussions. The course is taught primarily in French. \$\$ (NCAA)

FRENCH 2A & 2B

1 Elective Credit

Grades 10-12

Course #4717, 4718

Prerequisite: French 1

Building on the skills gained in French 1, this course will be a continuation of vocabulary and fluency-building. 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. The proficiency goal for Level 2 is Novice-High to Intermediate-Low. Course work and activities are all aimed at improving the skills needed to better function in the French language. The class is taught primarily in French. \$\$ (NCAA)

FRENCH 3A & 3B

College Credit Preparation

1 Elective credit or Elective English credit

Grades 11-12

Course #4719, 4720

Prerequisite: French 2

This is a college preparatory course for the serious French student who has completed French 2. Students will experience a more advanced study of grammar and work on fluency. Reading and free conversation are also emphasized with a goal of Intermediate Proficiency speaking levels. 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 for French 1010, 1020, and more. (We have had dedicated language students pass up to 16 credits by taking this test). This may result many university credits for a small fee. \$\$ (NCAA)

FRENCH 4A & 4B

College Credit Preparation

1 Elective credit or Elective English credit

Grades 11-12

Course #4721, 4722

Prerequisite: French 3

This is a college preparatory course for the serious French student who has completed French 3. Students will experience a more advanced study of grammar and work on fluency. Reading and free conversation are also emphasized with a goal of intermediate speaking proficiency levels. 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 for

French 1010, 1020, and more. (We have had dedicated language students pass up to 16 credits by taking this test). This may result in many university credits for a small fee. \$\$ (NCAA)

GERMAN 1A & 1B

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 activities centered on building vocabulary and fluency through listening, speaking, reading, and writing. Students will learn hundreds of vocabulary words, basic sentence structure and will be able to communicate at a basic level in everyday situations with a goal of Novice-High in proficiency. German culture will be studied with classroom activities and discussions centered on German history and customs, and students will enjoy weekly exposure to literature, music, news, authentic media, and other realia aimed at broadening student understanding of the German-speaking world. \$\$ (NCAA)

GERMAN 2A & 2B

1 Elective credit

Grades 10-12

Course #4727, 4728

Prerequisite: German 1

Building on the skills gained in German 1, this course will be a continuation of vocabulary and fluency-building. 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. Weekly exposure to literature, music, authentic media, and other realia will continue to build student understanding of the German culture and language. \$\$ (NCAA)

MANDARIN CHINESE 1A & 1B

1 Elective Credit

Grades 9-12

Course #4757, 4758

This course will be focused on conversation Mandarin Chinese for students who have no or limited fluency. The course will look at pronunciation, tones, and limited characters. The Pinyin spelling system, used to transcribe Chinese characters into the Roman alphabet, is used. The course will also provide information on Chinese culture, history, and customs. \$\$ (NCAA)

MANDARIN CHINESE 2A & 2B

1 Elective Credit

Grades 10-12

Course #4748, 4749

Prerequisite: Mandarin Chinese 1

This course will be a continuation of Mandarin Chinese 1, with an emphasis on reading and writing Chinese characters. It will also provide information on Chinese culture, history, and customs. \$\$ (NCAA)

MANDARIN CHINESE 3A & 3B

1 Elective Credit or Elective English credit

Grades 11-12

Course #4766, 4767

Prerequisite: Mandarin Chinese 1 & 2

This course will be a continuation of Mandarin Chinese 2 with an emphasis on learning characters and culture through individual reading. \$\$ (NCAA)

MANDARIN CHINESE 4A & 4B

1 Elective Credit or Elective English credit

Grades 11-12

Course #4766, 4767

Prerequisite: Mandarin Chinese 1,2 & 3

This course will be an intensive reading course designed to enhance Chinese language skills through character and grammar acquisition through individual reading. \$\$ (NCAA)

SPANISH 1A & 1B

1 Elective credit

Grades 9-12

Course #4704-4705

This course is an introduction to the Spanish language and culture. This is an exciting class filled with activities centered on building vocabulary and fluency through listening, speaking, reading, and writing. Students will learn hundreds of vocabulary words, basic sentence structure and will be able to communicate at a basic level in everyday situations with a goal of Novice High in proficiency. Spanish culture will be studied with classroom activities and discussions centered on Spanish customs. This is a beginning Spanish course. Reading, writing, speaking, and listening are taught. The course is taught primarily in Spanish.

\$\$ (NCAA) \$\$ (NCAA)

SPANISH 2A & 2B

1 Elective credit

Grades 9-12

Course #4706, 4707

Prerequisite: Spanish 1

Building on the skills gained in Spanish 1, this course will be a continuation of vocabulary and fluency-building. 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. The proficiency goal for Level 2 is Novice-High to Intermediate Low. The course is taught primarily in Spanish. \$\$ (NCAA)

SPANISH 3A & 3B

College Credit Preparation

1 Elective credit or Elective English credit

Grades 11-12

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 with a goal of Intermediate proficiency speaking levels. 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 for Spanish 1010, 1020 and more. (We have had dedicated language students pass up to 16 credits by taking this test.) This may result in many university credits for a small fee. \$\$ (NCAA)

SPANISH 4A & 4B

1 Elective credit or Elective English credit

Grades 11-12

Course #4710, 4711

Prerequisite: Spanish 3

This course will prepare students to demonstrate more proficiency in speaking and will enable them to earn more college credits. 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 for Spanish 1010, 1020 and more. (We have had dedicated language students pass up to 16 credits by taking this test.) This may result in many university credits for a small fee. \$\$ (NCAA)

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:

Grade	Credit	Course
9	.5	World Geography 9
9-10	.5	Ancient World History, or
9-10	.5	Modern World History, or
10	1.5	AP European History
11	1.0/1.5	US History (1 credit) or AP US History (1.5 credits)
12	.5/1.0	American Government (.5 credit) or AP US Govt & Politics (1 credits)
9-12	.5	Social Studies Elective

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

*The following can be taken for the World History Requirement. The * designates the recommended grade to be taken.

AP EUROPEAN HISTORY A, B, C

.5 required World History credit and 1 Elective Soc Studies credit

Grade 10*, 11-12

Course #6007, 6008, 6009

This class requires enrollment for all three trimesters. Qualified sophomores are encouraged to enroll. It is intensive, but sophomore students who are willing to put forth the effort are capable of meeting the curriculum requirements and receiving college credit. 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 8 semester hours of credit when they pass the AP European Test in the sprint (\$100 test fee).

Universities all over the United States will accept this credit depending on the student's score. This course will satisfy the Ancient World History and Modern World History requirements, plus offer an additional elective credit. Students have the additional experience of participating in a Model UN Conference (\$20 delegate fee). *Grade 10 recommended.

ANCIENT WORLD HISTORY

.5 Ancient History credit

Grade 9*-10*; 11-12

Course #6005

This course will cover diverse ancient cultures like Mesopotamia, Egypt, India, China, Greece, Rome and the Maya.

Whenever possible, students will be expected to make connections between historically significant events and current issues. *Grade 10 recommended.

MODERN WORLD HISTORY

.5 World History credit

Grades 10*; 11-12

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) *Grade 10 recommended.

US STUDIES REQUIREMENT

AP US HISTORY A, B, C

1 required U.S Studies credit and .5 elective Soc Studies credit

Grade 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 A, B

1 required U.S Studies credit

Grade 11

Course #6010, 6011

Divided between two trimesters, this class devotes attention to economic, social, and political developments in the United States History. It also develops an understanding of the Constitution of the United States, our legal system, and an appreciation of ethical considerations supported by American society. It identifies ways to solve problems, make decisions, and participate as an effective citizen of the United States. 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 (A and B)

.5 required Am. Gov. credit and .5 elective Soc Studies credit

Grades 11-12

Course #6032, 6033

This two 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. In May, students may take the AP test for the opportunity to earn college credit.

AP COMPARATIVE GOVERNMENT AND POLITICS (A and B)

1 elective Soc Studies credit

Grades 11-12

Course #6017, 6018

Prerequisite: Must be in AP US Government and Politics

This two trimester course is designed to help students understand other government systems and concepts, including studying the governments of the United Kingdom, Iran, Russia, China, Nigeria, and Mexico. Through this course, students will receive a more thorough understanding of how government works and how governments around the world impact the United States and international politics. In May, students may take the AP test for the opportunity to earn college credit.

ELECTIVE SOCIAL STUDIES COURSES

CURRENT ISSUES

.5 Elective Soc Studies credit

Grades 10-12

Course #6031

Students will use current issues to think and reason more clearly without bias. Critical thinking and problem solving will be emphasized as tools for solving problems. Students will be trained to make sound judgements, defend their beliefs and avoid inconsistency, generalizations and fallacies. (NCAA)

ECONOMICS 1500

Concurrent Enrollment 3 USU credits

.5 Technical or Social Studies elective 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. CIP 52.0611

HDFS 1500 HUMAN GROWTH AND DEVELOPMENT

Concurrent Enrollment 3 USU credits

.5 Technical credit and Social Studies elective credit

Grades 11-12

Course #8106

Prerequisite: 3.0 GPA

Fee: one-time \$30 application fee to USU

This course is an overview of human development from conception through late adulthood, focusing on biosocial, cognitive, and psychosocial development throughout the lifespan. HDFS 1500 is an approved Social Science General Education course at USU. Concurrent Enrollment fees apply. CIP 20.0112 (NCAA)

HDFS 2400 MARRIAGE AND FAMILY RELATIONSHIPS

Concurrent Enrollment 3 USU credits

.5 Technical credit and Social Studies elective credit

Grades 11-12

Course #8121

Prerequisite: 3.0 GPA

Fee: one-time \$30 application fee to USU

Students will learn basic concepts and approaches in the study of marriage and the family and 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. Concurrent Enrollment fees apply. CIP 20.0107

HISTORY 1700

Concurrent Enrollment 3 USU credits

.5 Elective Soc Studies credit

Grades 11-12

Course #6012

Prerequisite: must have taken US History A & B

This course teaches the fundamentals of American Civilization. Covers history, political system, and economic institutions of the US. Fulfills the American Institutions requirement at USU. This is a broadcast class, it may or may not be taught.

HUMANITIES A, B: Special Topics

.5 Elective English, Soc Studies, or Fine Art credit

Grades 11-12

Course #4026, 4027

A student can choose to take one or more of these classes. Section A does not have to be taken in order to take Section B. Interdisciplinary Humanities are a series of classes that integrate the literature, art, music, history, religion, and philosophy or Western civilization. (NCAA)

Each trimester, a time period is covered:

Humanities A focuses on Greeks, Romans, and Egyptians.

Humanities B: Special Topics focuses on the 20th Century, included but not limited to, WWI and WWII.

Credit earned in this class may be used as a Social Studies credit.

PSYCHOLOGY

.5 Elective Soc Studies credit

Grades 11-12

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 Soc Studies credit

Grades 11-12

Course #6052

Prerequisite: 3.0 GPA

This college course may be delivered via EdNet and introduces the student to the study of human psychology. The course explores the basic areas of psychology and how each explains human thought and behavior at the individual, familial, and cultural levels. Upon successful completion of this course, the student will earn 3 semester credits on a USU transcript. (NCAA)

SOCIOLOGY

.5 Elective Soc 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)

MATHEMATICS

	Option 1 Regular	Option 2 Honors	Option 3 Honors Accelerated
9 th	Secondary Math 1	Secondary Math 1 – Honors	Secondary Math 1 – Honors
10 th	Secondary Math 2	Secondary Math 2 – Honors	Secondary Math 2 – Honors and Secondary Math 3 – Honors (blocked)
11 th	Secondary Math 3 or an Applied Course with Parental consent	Secondary Math 3 – Honors	AP Calculus and/or AP Statistics
12 th	Any Advances or Applied Course (except AP Calculus)	Any Advances or Applied course, preferably AP Calculus or AP Statistics	AP Calculus or AP Statistics (whichever one you didn't take your 11 th grade year)

FOUNDATION CLASSES

SECONDARY MATH 1A, B, C

1 Math 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 – HONORS A&B

1 Math credit

Grade 9

Course #5333, 5334

Honors students will be introduced to matrices, vectors and logic in addition to all that is covered in Secondary Math 1. (NCAA)

SECONDARY MATH 2A, B, C

1 Math 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 – HONORS 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 3A, B

1 Math credit

Grade 11

Course 5309, 5310

Prerequisite: Secondary Math 2

Students will put 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. (NCAA)

SECONDARY MATH 3 – HONORS 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 Calculus. (NCAA)

SECONDARY MATH 3 – HONORS (BLOCKED) A&B

1 Math credit

Grade 10

Course # 5342, 5343

Prerequisite: Secondary Math 2 – Honors

This course is an ACCELERATED method of teaching Secondary Math 3 – Honors. Students who have taken Secondary Math 2 – Honors 1st and 2nd trimesters of their 10th grade year and then their 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. (NCAA)

ADVANCED COURSES**PRECALCULUS A & B**

1 Math credit

Grade 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 pre-calculus. Traditional topics from college algebra, trigonometry, and analytic geometry will be included. Topics include: functions, polynomials, exponents, logarithms, trig functions, circular functions, trig identities, graphing, systems, and analytical geometry. (NCAA)

AP CALCULUS A, B, C

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. \$100 fee for AP test. (NCAA)

AP STATISTICS A, B

1 Math credit

Grades 11-12

Course #5030, 5031

Prerequisite: Secondary 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. \$100 fee for AP test. (NCASTATS 1040 PLACEMENT

Students can qualify for placement into Stats 1040 by:

- Passing Secondary Math 1, 2 and 3 with a C average or higher course grade in all three courses.

And one of the following:

- Math ACT score of 19 or higher (taken after January 1, 2020).
- Math placement exam – ALEKS score of 30.

STATS 1040

Concurrent Enrollment 3 USU credits

.5 Math credit

Grades 11-12

Course #5208

Prerequisite: Math 3

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. You will learn basic techniques statisticians use to visualize and summarize data, some methods for determining what can be due to change and what cannot, and the limitations as well as the value of these procedures. Major topics include experimental design, regression, chance, sampling methods and distributions, confidence intervals and hypothesis tests.

MATH 1050/1060 PLACEMENT

Students can qualify for placement into Math 1050/1060 by:

- Passing Secondary Math 1, 2 and 3 with a C average or higher course grade in all three courses.

And one of the following:

- Math ACT score of 23 or higher (taken after January 1, 2020).
- Math placement exam – ALEKS score of 46 for Math 1050 and ALEKS score of 52 for Math 1060.

MATH 1050

Concurrent Enrollment 4 USU Credits

.5 Math credit

Grades 11-12

Course #5024

Prerequisite: See Math 1050/1060 Placement

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 – included 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 at Mountain Crest, they should not take this class. (NCAA)

MATH 1060

Concurrent Enrollment 2 USU Credits

.5 Math credit

Grades: 11-12

Course #5025

Prerequisite: See Math 1050/1060 Placement

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)

APPLIED COURSES

ACCOUNTING 1

.5 Technical or Math credit

Grades 11-12

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 the accounting cycle, journalizing and posting transactions, compiling financial statements, payroll systems and cash management. Computerized accounting will be incorporated into the curriculum. CIP 52.0321

MATHEMATICS OF PERSONAL FINANCE A & B

1 Math credit

Grades 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.

COLLEGE PREP MATH A & B

1 Math credit

Grades 11-12

Course #5206, 5207

Prerequisite: *Secondary Math 2*

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

COMPUTER PROGRAMMING I & II

1 Technology or elective Math credit

Grades 10-12

Course #8725, 8726

Suggested Prerequisite: *Exploring Computer Science OR Computer Science Principles*

An introductory course in computer programming/software engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts and higher level thinking skills. This course requires the use of logic and critical thinking skills.

***Computer Programming II can be taken as CS 1400 through USU. Requirement is to take and pass Computer Programming I and a C or higher.

SCIENCE

Students must complete 3 science credits. 2 credits must be Core Science Credits. College and universities require three credits of science. Students must select courses from two of the four general areas found in the following table.

The core credits must be earned before registering for an additional science course.

EARTH SCIENCE <ul style="list-style-type: none"> Earth Science (9th grade) 	BIOLOGY <ul style="list-style-type: none"> General Biology Agriculture Biology AP Biology
CHEMISTRY <ul style="list-style-type: none"> General Chemistry Chemistry 1010 	PHYSICS <ul style="list-style-type: none"> Physics AP Physics

CORE CLASSES

AGRICULTURAL BIOLOGY A & B

1 Core Science or Technical credit

Grades 9-12

Course #8026, 8027

Prerequisite: Ag Science 1A & 1B –if taking Ag Biology in 9th grade, must take Ag Biology and Ag Science simultaneously.

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 state curriculum. CIP 02.0112 (NCAA)

AP BIOLOGY A, B, C

1.5 Core Science Credit

Grades 11-12

Course #3024, 3025, 3026

Prerequisite: 3.0 GPA, General 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. At the end of the year, each student may choose to take the AP examination. A college text is used and the course is basically lecture/discussion in format. \$100 fee for AP test. (NCAA)

BIOLOGY

1 Core Science credit

Grades 10-12

Course #3010, 3011

*****9th grade students may enroll in the Biology course if they have a GPA of 3.0 or higher.***

This course is designed to provide students with activities and experiences in biology through class discussion and activities, lab work, and the reading of text book and other materials. Completion of this course will give the student a sound understanding of the basic biological principles and prepare them for further science instruction. (NCAA)

CHEMISTRY

1 Core Science credit

Grades 11-12

Course #3030, 3031

Prerequisite: Sec Math 1 and a scientific calculator

Chemistry is designed for all students in particular those students preparing to attend college who have not decided on a career. The objective of this 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. Pass Chemistry A is a prerequisite for moving on to Chemistry B. This class is a prerequisite for Chemistry 1010 and Biology 1010/AP. (NCAA)

CHEMISTRY 1010

Concurrent Enrollment 3 USU credits

.5 Core Science credit

Grades 11-12

Course #3034

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

Chemistry 1010 is a general survey class that covers most of the concepts of chemistry that have application to daily solutions. It is recommended as an option for students needing to fill a science requirement for non-science majors. Grades will be mostly 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 no lab for this class). (NCAA)

EARTH SCIENCE

1 Core Science credit

Grade 9

Course #3003, 3004

This class presents us with the "big picture" view of how the systems of land, water, and atmosphere influence life. We also learn how energy acts in each system; and Earth's place in the solar system. As we understand the connections between the systems, we'll learn how alterations to one part may affect the others.

PHYSICS

1 Core Science

Grades 9-12

Course #3044, 3045

Prerequisite: Secondary Math 1. Freshmen taking Physics must also be registered for Math 1-Honors, earn A's and B's in Math and Science, and have a 3.5 cumulative GPA.

The Physics core curriculum has three major concepts for focus: motion of objects, forces acting on objects, and energy. \$\$ (NCAA)

ELECTIVE SCIENCE

AGRICULTURAL SCIENCE 1A & 1B

1 Technical or Science elective credit

Grade 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 state curriculum. CIP 02.0211

ANIMAL SCIENCE 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 curriculum. CIP 02.0211

ASTRONOMY

.5 Elective Science credit

Grades 11-12

Course #3054

Investigating the age-old question of “are we alone” in the universe serves as the basis for this course. Students will earn 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 beings will also be explored as we consider the probability of whether or not we are alone. (NCAA)

BOTANY

.5 Elective Science credit

Grades 11-12

Course #3020

This elective science course is designed for any student who has, or would like to have a backyard. 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 in their backyard habitats. (NCAA)

ELECTRONICS 1

.5 Technical or Elective Science credit

Grades 9-12

Course #8711

The first in a sequence of courses that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in safety, electrical theory, parallel & series circuits, Kirchhoff's Laws, schematic diagrams, electrical components, and soldering. CIP 15.0321

ELECTRONICS 2

.5 Technical or Elective Science credit

Grades 10-12

Course #8712

This course prepares individuals to apply technical knowledge and skills to assemble, install, operate, maintain, and repair electrical/electronic equipment used in business, industry, and manufacturing. The course includes instruction in passive electronic components, passive AC and DC circuits, active discrete circuits, linear integrated circuits, digital integrated circuits, and program and interface microprocessors based systems. CIP 15.0322

ENGINEERING PRINCIPLES 1

.5 Technical or Elective Science credit

Grades 9-12

Course #8713

The first in a sequence of “hands on” courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupation opportunities in engineering. This is a foundation course in the Engineering Pathway. CIP 14.1551

ENGINEERING PRINCIPLES 2

.5 Technical or Elective Science credit

Grades 10-12

Course #8714

The second in a sequence of “hands on” courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupation opportunities in engineering. This is a foundation course in the Engineering Pathway. CIP 14.1551

ENVIRONMENTAL SCIENCE A, B

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. \$15 lab fee (NCAA)

MEDICAL ANATOMY/PHYSIOLOGY/TERMINOLOGY

1.0 Technical or Elective Science credit

Grades 11-12

Course # 8331, 8332, 8333

This full-year course provides students with an in-depth study of healthcare careers including actual clinical experience in a variety of areas. Instruction includes intermediate anatomy & physiology, medical terminology, diseases and disorders, medical ethics, and first aid. The class is designed to prepare students for the Advanced Health Science course and/or for a variety of health technology programs. This class has a \$10 per trimester fee to cover the cost of handouts and supplies used in class and labs. \$\$ CIP 51.1315

PLANT SCIENCE CONCURRENT A & PLANT SCIENCE 1800

Concurrent Enrollment 3 USU credits

.5 Elective Science or Technical credit

Grades 11-12

Course # 8014, 8018

This class will earn 3 credits through USU concurrent enrollment. It satisfies the US Breadth Life Science requirement and fulfills a general education requirement. The class works extensively in the school greenhouse to plant, grow, and market all of the spring bedding plants. Students can expect to learn to identify flowers, propagate plans, understand plant anatomy & physiology, and learn to maintain a home landscape and vegetable garden. This call is part of an integral agriculture program. Participation with the MCHS FFA Organization is encourage and taught according to state curriculum.

ROBOTICS 1

.5 Technical credit

Grades 9-12

Course #8539

The first in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous 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. CIP 14.4231

ROBOTICS 2

.5 Technical credit

Grades 9-12

Course #8540

The second in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous 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. CIP 14.4231

VETERINARY ASSISTING A, B

1 Technical credit

Grades 11-12

Course #8030, 8031

Prerequisite: Animal Science

This 2 trimester course provided 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 with 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 curriculum. CIP 02.0231

WILDLIFE BIOLOGY

.5 Elective science credit

Grades 10-12

Course #3023

Wildlife biology will focus on the relationship between living things and their environment, with a focus on Utah ecosystems. Topics of study include fish and wildlife interactions related to food webs, carrying capacity, succession, and wildlands management within a broad range of aquatic and terrestrial environments.

HEALTHY LIFE STYLES

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

HEALTH

HEALTH

.5 Health credit

Grade 9

Course #7002

Health education is dedicated to teaching high school students the skills they need to establish a healthy and safe lifestyle and enhance behaviors to resist unhealthy choices throughout their lifespan. Health Education will focus on:

- Health Foundations and Protective Factors of Healthy Self
- Mental and Emotional Health
- Safety and Disease Prevention
- Substance Abuse Prevention
- Nutrition
- Human Development

PHYSICAL EDUCATION

Required PE Course

FITNESS FOR LIFE

.5 Core PE credit

Grade 9

Course #7005

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

Fit 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 becoming independent monitors of their personal lifetime fitness.

Core PE Courses

ATHLETICS (SKILLS)

.5 PE core (one time only) or elective PE credit

Grades 9-12

Course # see list below

Prerequisite: Try-out required

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

7111 Boys Golf	7117 Baseball	7102 Drill Team
7106 Girls Soccer	7114 Boys Basketball	7105 Football
7107 Boys Soccer	7104 Volleyball	7112 Boys Wrestling
7119 Girls Golf	7123 Girls Wrestling	7100, 7101 Cheer

FITNESS ATHLETIC WEIGHTS/CONDITIONING

.5 Core PE credit

Grades 10-12

Course # 7004, 7517, 7518

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, pool exercise, speed and agility development, and sports psychology. This is a combination of classroom-based learning and activity-based learning activities with a focus on students' mastery of the skills and concepts necessary to becoming independent monitors of their personal fitness. First trimester will be for athletes' grades 10-12 spring athletes and 10-11 fall athletes. Third trimester is for grades 10-11 fall and winter athletes.

FITNESS WEIGHTS – BEGINNING - M

.5 PE credit

Grades 9-12

Course #7057

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. 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. Those who take this class will build their strength and endurance, improve muscle tone and learn the correct safety measure and use of weights.

FITNESS WEIGHTS – BEGINNING - F

.5 PE credit

Grades 9-12

Course #7056

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. 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. Those who take this class will build their strength and endurance, improve muscle tone and learn the correct safety measure and use of weights.

FITNESS WEIGHT TRAINING/CONDITIONING (ADVANCED)

.5 PE credit

Grades 11-12

Course #7006

Prerequisite: Fitness Weights - Beginning

The main purpose of this class is to teach proper techniques in weight training. Those who take the class will build their strength and endurance, improve muscle tone and learn the correct safety measures and use of weights. Emphasis will be placed on cardiovascular activities such as running, flexibility exercises, and general fitness. \$5.00 lab fee.

CHEER

1 PE or Fine Art credit

Grades 11-12

Course #7100, 7101

Prerequisite: Try-out

Class is for students selected to represent Mountain Crest 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 (CAPRIELLES)

.5 PE or Fine Art credit

Prerequisite: Try-out

This class is for all who are members of the Caprielles group. The class involves extensive practice and training in jazz dance, military precision, novelty and prop. Practices will be held often before or after school in addition to regular class hours. Several evenings during the year will be scheduled for performances and competition. \$\$

LIFETIME SPORT & FITNESS (PE 11/12)

.5 Core 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 will demonstrate the ability to plan and implement different types of personal fitness programs, demonstrate competency in lifetime activities, describe key concepts associated with successful participation in physical activity, model responsible behavior while engaged in physical activity, and fill a need for self-expression, challenge, social interaction and enjoyment.

YOGA

.5 Core PE credit

Grades 10-12

Course #7060

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

Elective PE Courses

SOCIAL DANCE 1

.5 PE or Fine Art credit

Grades 9-12

Course #7017 (F), 7018 (M)

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 2

.5 PE or Fine Art credit

Grades 10-12

Course #7019 (F), 7020 (M)

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 Night Club Two-Step.

SOCIAL DANCE 3

.5 PE or Fine Art credit

Grades 10-12

Course #7023 (F), 7024 (M)

Prerequisite: successful completion of Social Dance 1 & 2

This course is for students that have taken beginning and intermediate social dance and have a desire to learn more and improve their dancing. Students will learn some of the more advanced dances, technique and styling for the following dances: Mambo, Tango, West Coast Swing and the Lindy Hop.

SWIMMING – ADVANCED

.5 PE credit

Grades 9-12

Course #7016

Prerequisite: Mastery of Beginning Swimming

Students in this trimester course will acquire skills in a variety of lifetime activities that contribute to sustained fitness and well-being. Students will acquire life guarding skills and certification. These skills and activities offer positive ways to cope with stress and contribute to the quality of life.

SWIMMING – BEGINNING

.5 PE credit

Grades 9-12

Course #7015

This trimester course will develop participation skills and techniques in a variety of individual activities with emphasis on beginning swimming skills and safety knowledge.

Other Physical Education

CHEER

1 PE or Fine Art credit

Grades 11-12

Course #7100, 7101

Prerequisite: Try-out

Class is for students selected to represent Mountain Crest 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 (CAPRIELLES)

.5 PE or Fine Art credit

Grades 9-12

Course #7102

Prerequisite: Try-out

This class is for all who are members of the Caprielles group. The class involves extensive practice and training in jazz dance, military precision, novelty and prop. Practices will be held often before or after school in addition to regular class hours. Several evenings during the year will be scheduled for performances and competition. \$\$

FINE ARTS

ART, PAINTING, CERAMICS, BAND, ORCHESTRA, CHOIR, DANCE

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 1

.5 Fine Art credit

Grades 9-12

Course #1101

This beginning art course will introduce students to 2-dimensional art through drawing and design objectives. Still life, portraiture and other life forms will be studied. Students will work with pencil, charcoal, pen and ink, along with other mediums. This course is a prerequisite for many other art courses.

ART 2

.5 Fine Art credit

Grades 9-12

Course #1102

Prerequisite: Art 1

This course is for students that have completed Art 1. Students will be introduced to painting techniques and will use wet media processes such as transparent and opaque painting. We will experience the direct and indirect method of applying paint while focusing on the operations of color and value. This course is designed to develop high level thinking, art related technology skills, art criticism, art history, and aesthetics. Keeping a portfolio, critiquing and displaying artwork will also be implemented. A positive creative environment will be maintained with respect for everyone's artistic efforts.

AP ART A, B, C

1.5 Fine Art credit

Grades 11-12

Course #1110, 1111, 1112

Prerequisite: Teacher approval

This course is intended for the self-motivated student who is interested in developing a portfolio of art work designed to receive college credit. An emphasis will be placed on developing concepts, ideas, and individual quality art work. All mediums of drawing and painting are acceptable. \$\$

CERAMICS 1

.5 Fine Art credit

Grades 9-12

Course #1120

This class will develop various hand building and wheel throwing techniques through creative problem solving. The projects will include both sculptural and function forms made through various processes including pinch, coil, slab and wheel throwing. Students will learn ceramic specific vocabulary and gain knowledge of the glazing and firing process.

CERAMICS 2

.5 Fine Art credit

Grades 9-12

Course #1123

Prerequisite: Ceramics 1

Further study of hand building and wheel throwing techniques are developed in this course. Students will explore larger and more elaborate assignments along with more sophisticated decorating and glazing techniques. More thoughtful ceramic construction will be addressed along with the critiquing process. The study of the masters along with ceramic art history will also be studied.

PRINTMAKING

.5 Fine Art credit

Grades 9-12

Course #1129

Building from art foundations, this class will have application to 2D design principles with a tight focus on line and shape. Students will learn the basics of printmaking by carving stamps to create patterns and images, creating stencils for screen printing on T-shirts, etching into acrylic glass and printing with a press, in addition to using other printmaking processes to create original works of art.

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.

PERFORMING ARTS: MUSIC

BAND-CONCERT (INTERMEDIATE) A, B, C,

1.5 Fine Art credit

Grades 9-12

Course #1003, 1004, 1005

This intermediate-level band course encourages increased technical and expressive musical proficiency through performance and the study of music. Membership is open to anyone desiring to perform on a woodwind or brass instrument. This is a full-year course and students are expected to register for all three trimesters. Pep Band membership is required at football and basketball games and all pep assemblies. Marching band membership is also encouraged. A concert uniform is required for participation. Sectionals, rehearsals, and performances outside of class are part of the course requirement and constitute a portion of the grade. A method book and/or CD may be required.

BAND-SYMPHONIC (ADVANCED) A, B, C

1 Fine Art credit

Grades 9-12

Course #1006, 1007, 1008

This advanced course performs varied, advanced-level music in wind ensemble literature. Membership is by audition according to ability and instrumentation. It consists of mainly seniors and juniors, although other students are admitted if their audition warrants it. This is a full-year course and students are expected to register for all three trimesters. Pep Band membership is required at football and basketball games and all pep assemblies. Marching band membership is encouraged. A concert uniform is required for participation. Sectionals, rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade. A method book and/or CD may be required.

BAND-PERCUSSION A, B, C

1.5 Fine Art credit

Grades 9-12

Course #1009, 1010, 1011

Membership is open to anyone desiring to perform on a percussion instrument. Emphasis will be on performing advanced percussion solos and ensembles using classical and world percussion instruments. Students are required to register for all three trimesters. Previous instrumental or piano experience is required. Students will perform as a separate ensemble as well as in the percussion section for the band and orchestra ensembles. Pep Band membership is required at football and basketball games and all pep assemblies. Marching band membership is also encouraged. A concert uniform is required for participation. Sectionals, rehearsals, and performances outside of class time are part of the course requirement and constitute a portion of the grade. A method book and/or CD may be required.

CHOIR – A CAPPELLA CHOIR (SATB) Trimesters A, B, C – Two or three trimester preferred.

1.5 Fine Art credit

Grades 9 -12

Course #1045, 1046, 1047

This course is open to all students and is designed to enhance the musical, creative and expressive qualities of participants. We will explore choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students in A Capella Choir 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. This class requires a uniform and music fee. \$\$

CHOIR – CHAMBER CHOIR (SATB) – MAGIC Three trimesters required.

1.5 Fine Art credit

Grades 11-12

Course # See Mrs. Lamb

Prerequisite: Audition

This choir of 24-32 singers will be composed of juniors and seniors only and will meet during zero hour daily. Students must also be members of another school choir for at least two trimesters during the year. 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. This class requires a uniform and music fee. \$\$

CHOIR – MEN'S CHORUS (TTBB) A, B, C

.5 Fine Art credit

Grades 9-12

Course # 1058, 1059, 1060

This is a performance oriented choir class with an emphasis on choral unity and basic music skills for tenors and basses. We will be stressing how the voice can be developed and improved through proper vocal technique. Students will sing two, three, or four- part literature in all 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 (SSAA) A, B, C

.5 Fine Art credit

Grades 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 be stressing how the voice can be developed and improved through proper vocal technique. Students will sing two, three, or four- part literature in all 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

.5 credit

Grades 9-12

Course #1024

Beginning guitar is an introductory 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.

GUITAR 2

.5 Fine Art 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: alternation bass accompaniment, accompaniment while singing, basic finger picking, 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, note reading on all six strings.

GUITAR 3

.5 Fine Art credit

Grades 10-12

Course #1075

Prerequisite: Guitar 2

This course is for students who are interested in becoming better musicians and have a desire and willingness to become a great guitar player. We 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, finger style guitar arrangements, songwriting and solo guitar playing.

GUITAR 4

.5 Fine Art credit

Grades 10-12

Course #1076

Prerequisite: Guitar 3

Guitar 4 may be taken only after completing Guitar 3 at Mountain Crest or getting 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, harmonic minor, and modes. We will also cover the 5-box position minor, pentatonic scales, major pentatonic scales, finger style 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 A, B, C

1.5 Fine Art credit

Grades 10-12

Course #1033, 1034, 1035

Prerequisite: Director Approval

This advanced course performs varied, advanced-level music in orchestral literature. Membership is by audition according to ability and instrumentation. It consists of mainly senior and juniors, although other students are admitted if their audition warrants it. This is a full-year course and students are expected to register for all three trimesters. A concert uniform is required for participation. Sectionals, rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade. A method book and/or CD may be required.

ORCHESTRA – INTERMEDIATE A, B, C

1.5 Fine Art credit

Grades 9-12

Course #1052, 1053, 1054

This intermediate-level orchestra course encourages increased technical and expressive musical proficiency through performance and the study of music. Membership is open to anyone desiring to perform on an orchestral string instrument. This is a full-year course and students are expected to register for all three trimesters. A concert uniform is required for participation. Sectional, rehearsals and performances outside of class time a part of the course requirement and constitute a portion of the grade. A method book and/or CD may be required.

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: aspects of theory, 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

Prerequisite: Prior music lessons or teacher approval

This class is especially designed for students with prior training or experience in music but is also available to beginners. Students use electronic keyboards/guitar to compose, harmonize and improvise as they create and perform original pop-style songs. Pitch and rhythm reading are practiced, as well as music analysis, lyric writing techniques, and discussions with musicians in the community.

PERFORMING ARTS: THEATRE

THEATRE 1

.5 Fine Art credit

Grades 9-12

Course #1083

An introduction to theatre and drama work, including pantomime, storytelling, basic character analysis, monologues/scenes, play analysis and critique, script writing, and design. Students will be instructed in rehearsal techniques, ensemble work, portfolios, writing, and performance.

THEATRE 2

.5 Fine Art credit

Grades 9-12

Course #1090

Prerequisite: Theatre 1

This course will be a continuation of Theatre 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.

MUSICAL THEATRE PRODUCTION

.5 Fine Art credit

Grades 9-12

Course #1077

Students MUST audition and be accepted into the cast or crew for the musical to take this course. Rehearsal techniques, character analysis, scene work, production design, singing techniques, and choreography will be covered as students rehearse and prepare for the school musical, culminating in at least 4 live performances at the end of the trimester.

PLAY PRODUCTION

.5 Fine Art credit

Grades 9-12

Course #1088

Students MUST audition for and be accepted into the cast or crew for the play to take this course. Rehearsal techniques, character analysis, scene work, and production design, will be covered as students rehearse and prepare for the school play, culminating in at least 4 live performances at the end of the trimester.

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. \$\$ CIP 50.0406

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. Commercial 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. \$\$ CIP 50.0406

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. CIP 10.0104

OTHER FINE ART CLASSES

FLORICULTURE (Floral Design)

.5 Technical or elective Fine Art credit

Grades 10-12

Course #8022

This class lasts one trimester and teaches skills in floral design including making corsages, boutonnieres, bud vases, table arrangements, and introductions to wedding flower constructions and the floral design industry. Students will spend 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 curriculum. CIP 01.0632

HUMANITIES A, B: Special Topics

.5 Elective English, Soc Studies, or Fine Art credit

Grades 11-12

Course #4026, 4027

A student can choose to take one or more of these classes. Section A does not have to be taken in order to take Section B. Interdisciplinary Humanities are a series of classes that integrate the literature, art, music, history, religion, and philosophy or Western civilization. (NCAA)

Each trimester, a time period is covered:

Humanities A focuses on Greeks, Romans, and Egyptians.

Humanities B: Special Topics focuses on the 20th Century, included but no limited to, WWI and WWII.

Credit earned in this class may be used as a Social Studies credit.

INTERIOR DESIGN 1

.5 Fine Art or Technical credit

Grades 10-12

Course #8131

This course is designed to help students develop 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 their own interior spaces, including walls, floors, windows, and furnishings, and will present single room designs. \$\$ CIP 20.0110

SOCIAL DANCE 1

.5 PE or Fine Art credit

Grades 9-12

Course #7017 (F), 7018 (M)

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 2

.5 PE or Fine Art credit

Grades 10-12

Course #7019 (F), 7020 (M)

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 Night Club Two-Step.

SOCIAL DANCE 3

.5 PE or Fine Art credit

Grades 10-12

Course #7023 (F), 7024 (B)

Prerequisite: *successful completion of Social Dance 2*

This course is for students that have taken beginning and intermediate social dance and have a desire to learn more and improve their dancing. Students will learn some of the more advanced dances, technique and styling for the following dances: Mambo, Tango, West Coast Swing and the Lindy Hop.

TECHNICAL

One and a half technical credits are required for students to graduate. Students must take the required Business Office Specialist or Exploring Computer Science course for one-half credit. The other technical credit may be earned by taking any technical classes. Students should select classes that correspond with their education plans and career goals.

Grade	Credit	Course
9-10	.5	Business Office Specialist or Exploring Computer Science
10-12	1	ANY Technical class

AGRICULTURAL SCIENCE

ADVANCED AGRICULTURAL MECHANICS

.5 Technical credit

Grades 11-12

Course #8006

Prerequisite: *Ag systems 1A & B, 2A & B*

This one trimester course is designed to have students use the skills they learned in Ag Systems 1 & 2 to build or work on projects that are related to modern agriculture. The concepts and skill used on these projects may include welding, small engine repair, structures, plumbing, electrical wiring, concrete, and ag equipment repair. \$\$ CIP 01.0231

AGRICULTURAL BIOLOGY A & B

1 Core Science or Technical credit

Grades 9-12

Course #8026, 8027

Prerequisite: *Ag Science 1A & 1B –if taking Ag Biology in 9th grade, must take Ag Biology and Ag Science in the same year.*

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 state curriculum. CIP 02.0112 (NCAA)

AG SYSTEMS TECHNOLOGY 1 A & B

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 curriculum. CIP 01.0211

AG SYSTEMS TECHNOLOGY 2 A & B

1 Technical Elective credit

Grades 10-12

Course #8002, 8003

Prerequisite: *Ag Systems Technology 1*

This is a 2 trimester course teaching 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, battery maintenance and electricity.

Emphasis will be placed on safety and quality workmanship. This calls is part of an integral agriculture program. Participation with the FFA organization is highly encouraged and taught according to state curriculum. CIP 01.0221

AGRICULTURAL SCIENCE 1A & 1B

1 Technical or Science elective credit	Grade 9	Course #8028, 8034
<p>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 encourages and taught according to state curriculum. CIP 02.0211</p>		

EQUINE SCIENCE

.5 Technical or Science elective credit	Grade 11-12	Course # 8037
<p>This course prepares students to care for horses and horse equipment; to train horses for various work and athletic or entertainment roles; to manage horse training, breeding and housing programs and facilities.</p>		

ANIMAL SCIENCE A & B

1 Technical credit or Elective Science credit	Grades 10-12	Course #8032, 8033
<p><i>This course is a prerequisite for Veterinary Assisting</i></p> <p>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 course is part of an integral agriculture program. Participation with the FFA organization is highly encouraged and taught according to the state curriculum. CIP 02.0211</p>		

FLORICULTURE (Floral Design)

.5 Technical or elective Fine Art credit	Grades 10-12	Course #8022
<p>This class lasts one trimester and teaches skills in floral design including making corsages, boutonnieres, bud vases, table arrangements, and introductions to wedding flower constructions and the floral design industry. Students will spend 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 curriculum. CIP 01.0632</p>		

PLANT SCIENCE CONCURRENT A & PLANT SCIENCE 1800

Concurrent Enrollment 3 USU credits		
.5 Elective Science or Technical credit	Grades 11-12	Course # 8014, 8018
<p>This class will earn 3 credits through USU concurrent enrollment. It satisfies the US Breadth Life Science requirement and fulfills a general education requirement. The class works extensively in the school greenhouse to plant, grow, and market all of the spring bedding plants. Students can expect to learn to identify flowers, propagate plans, understand plant anatomy & physiology, and learn to maintain a home landscape and vegetable garden. This call is part of an integral agriculture program. Participation with the MCHS FFA Organization is encourage and taught according to state curriculum.</p>		

VETERINARY ASSISTING A & B

1 Technical credit

Grades 11-12

Course #8030, 8031

Prerequisite: Animal Science

This 2 trimester course provided 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 curriculum. **THIS COURSE IS OFFERED EVERY OTHER YEAR. THIS COURSE WILL BE HELD 2020-2021 AND AGAIN IN 2022-2023.** CIP 02.0231

BUSINESS and MARKETING

ACCOUNTING 1

.5 Technical or Math credit

Grades 10-12

Course #8364

Are you planning on going into Business? Are you planning on handling your own personal finances? Are you interested in owning your own business? Then you are going to want to take this class!!! Ensure that your personal finances are stable; come learn Accounting, the language of business! Topics include the accounting cycle, journalizing and posting transactions, compiling financial statements, payroll systems, and cash management. This course counts for either .5 Technical credit or Math credit. CIP 52.0332

BUSINESS COMMUNICATIONS

.5 Technical or English credit

Grades 10-12

Course #8401

How does communication play a part in your life? What type of communication is needed for any job or career? What is your competence level in oral, written, social, technological, employment, and organizational communication? Because communication impacts all aspects of our lives, this is a course that will teach you various types of practical communication skills! Topics cover many facets of communication including verbal interactions, written communications, oral presentations, nonverbal cues, and using technology to maximize effectiveness. CIP 52.0511

BUSINESS MANAGEMENT (Entrepreneurship)

.5 Technical credit

Grades 10-12

Course #8415

Are you interested in starting your own business? Come learn about the skills, attitudes and knowledge necessary to become a successful entrepreneur. In this course you will learn about starting and operating your own business and the management skills necessary for success. This is one class you don't want to miss out on! CIP

BUSINESS OFFICE SPECIALIST

.5 required Technology credit

Grades 9-10

Course #8378

Satisfies Utah's Digital Studies graduation requirement.

Do you want to learn skills that can help you in doing your schoolwork, personal projects or receive job skills? Then this is the class for you! Gain basic computer knowledge in Windows operating system and Microsoft Office programs (Word, Excel, PowerPoint, Access). Get certified in industry-level certifications and become a Microsoft Office Specialist! CIP

FCSE 1350 PERSONAL FINANCIAL PLANNING

Concurrent Enrollment 3 USU credits

.5 required Financial Literacy credit

Grades 11-12

Course #0335

Prerequisite: 3.0 GPA

This course satisfies the high school General Financial Literacy requirement and is designed for students who are planning to attend college. Students will gain an understanding of financial topics needed to be knowledgeable and effective consumers, money manager, savers, investors, users of credit and productive workers. Concurrent enrollment fees apply.

COMPUTER PROGRAMMING I & II

1 Technology or elective Math credit

Grades 10-12

Course #8725, 8726

Suggested Prerequisite: Exploring Computer Science

An introductory course in computer programming/software engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts and higher level thinking skills. This course requires the use of logic and critical thinking skills. Teachers introduce concepts and problem solving skills to beginning students through the C++ programming language in the Microsoft Visual Studio environment. CIP 11.0201

COMPUTER SCIENCE PRINCIPLES

.5 Technical credit

Grades 9-12

Course #8732

Suggested Prerequisite: Exploring Computer Science

Satisfies Utah's Digital Studies graduation requirement.

Interested in learning more about Computer Science? SEVENTY PERCENT OF THE JOB MARKET REQUIRES COMPUTER SCIENCE EXPERIENCE. This is the perfect class for you! Computer Science Principles is a new course that follows a project to develop a computer science course that seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include:

- Computing is a creative activity.
- Abstraction reduces information and detail to facilitate focus on relevant concepts.
- Data and information facilitate the creation of knowledge.
- Algorithms are used to develop and express solutions to computational problems.
- Programming enables problem solving, human expression, and creation of knowledge.
- The Internet pervades modern computing.
- Computing has global impacts.

DIGITAL MARKETING/SOCIAL MEDIA

.5 Technical credit

Grades 10-12

Course #8058

Do you want to get a leg up on a rapidly growing and evolving career? Mail? Forget it. TV Commercials? Meet the DVR. Email? Old School. It is all about marketing online with social platforms and mobile apps. Students already use these tools in their personal lives. Now is the time to learn how to use these NEW digital and social media TOOLS in the world of business. This business course provides students with a foundation and a skill set in the new, evolving world of marketing. Topics including ecommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and the importance of building an online community. Come learn the exciting world of Digital Marketing. CIP 08.9904

ECONOMICS 1500

Concurrent Enrollment 3 USU credits

.5 Technical or Social Studies elective 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. CIP 52.061

EXPLORING COMPUTER SCIENCE

.5 Technical credit

Grades 9-10

Course #8080

Satisfies Utah's Digital Studies graduation requirement

Are you interested in exploring more about technology? Have you wondered how computers are used to solve world problems? How do computers influence the innovation in various fields and society? Do you want to learn more about applications that can be used for home, school, business, and careers? Then this is the class for you! Learn how to think outside the box to solve problems and understand the computer science way of thinking.

LEADERSHIP MANAGEMENT PRINCIPLES

.5 Technical credit

Grades 10-12

Course #8066

Do you have what it takes to be an "effective" leader? Some are born leaders but need to learn how to be an effective leader, while others need confidence and skills in becoming a leader. What are the complex issues facing today's leaders? What characteristics and traits make a "great" leader? This course is recommended for those who are looking to improve their personal leadership skills as well as those who would like to learn how to lead a business or an organization. Come learn the basic leadership skills everyone needs for any are of life!

MARKETING

.5 Technical credit

Grades 10-12

Course #8054

What does it take to market a product or service? Ever wonder how companies make money? Do you know how and why new products are developed and why they are promoted the way they are? It's all because of Marketing! Do you have what it takes to be a marketer? Sign up and let's find out! CIP 08.0711

SPORTS AND ENTERTAINMENT MARKETING

.5 Technical credit

Grades 10-12

Course #8059

Have you ever wanted to work in the world of sports or entertainment? Have you ever wanted to know what it takes to put on a sporting or entertainment even, like a rock concert? Sport and Entertainment industries are two of the most profitable industries in the United States. Marketing sports and entertainment products is a global business. Sign-up to learn how to create and market a new team or product. Come enjoy hands on projects that will teach what it takes to market in the sports and entertainment industry. CIP 08.0903

WEB DEVELOPMENT 1

.5 Technical credit

Grades 10-12

Course #8359

Satisfies Utah's Digital Studies graduation requirement.

Web Development 1 is a course designed to guide students in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, cascading style sheets (CSS) and JavaScript. Students will integrate graphics and media to make online communication fun and interactive. CIP 52.0254

WEB DEVELOPMENT 2

.5 Technical credit

Grades 10-12

Course #8368

Prerequisite: Web Development 1

Web Development 2 is a project-based class that will build on the skills learned in Web Development 1. If you would like to further your skills as a Web Developer, this class is for you! CIP

DRAFTING

CAD ARCHITECTURAL DESIGN 1

.5 Technical credit

Grades 9-12

Course #8181

The first in a sequence of courses that prepares individuals for careers in the Architecture, Engineering, and Construction (AEC) industry. This course includes instruction in 2D or 3D Computer-Aided Design (CAD) software to draw a small residential home with an emphasis on blueprint reading. CIP 46.0201

ENGINEERING AND STEM

ELECTRONICS 1

.5 Technical or Elective Science credit

Grades 9-12

Course #8711

The first in a sequence of courses that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in safety, electrical theory, parallel & series circuits, Kirchhoff's Laws, schematic diagrams, electrical components, and soldering. CIP 15.0321

ELECTRONICS 2

.5 Technical or Elective Science credit

Grades 10-12

Course #8712

This course prepares individuals to apply technical knowledge and skills to assemble, install, operate, maintain, and repair electrical/electronic equipment used in business, industry, and manufacturing. The course includes instruction in passive electronic components, passive AC and DC circuits, active discrete circuits, linear integrated circuits, digital integrated circuits, and program and interface microprocessors based systems. CIP 15.0322

ENGINEERING PRINCIPLES 1

.5 Technical or Elective Science credit

Grades 9-12

Course #8713

The first in a sequence of "hands on" courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupation opportunities in engineering. This is a foundation course in the Engineering Pathway. CIP 14.1551

ENGINEERING PRINCIPLES 2

.5 Technical or Elective Science credit

Grades 10-12

Course #8714

The second in a sequence of "hands on" courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupation opportunities in engineering. This is a foundation course in the Engineering Pathway. CIP 14.1551

ROBOTICS 1

.5 Technical credit

Grades 9-12

Course #8539

The first in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous 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. CIP 14.4231

ROBOTICS 2

.5 Technical credit

Grades 9-12

Course #8540

The second in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous 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. CIP 14.4231

FAMILY AND CONSUMER SCIENCE

ADULT ROLES/FINANCIAL LITERACY A & B

.5 Technical and .5 Financial Literacy credit

Grades 11-12

Course #8139, 8142

This course prepares individuals to understand the nature and significance of individual and family relationships integrated with general financial literacy. Topics include: decision-making to set and implement goals, values, communication skills, self-awareness, families, sources of income and the relationship between income and career preparation, crisis management, dating, marriage preparation, marriage, money management, saving, investing, and parenting. Students who complete the entire 1.0 course will fulfill the Financial Literacy graduation requirement. CIP 20.0117.

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 will include a stylish bag, a fashionable clothing item and a project of your choice. \$\$ CIP 20.0103

SEWING CONSTRUCTION and TEXTILES 2

.5-1.5 Technical credits

Grades 10-12

Course #8137, 8046

Prerequisite: Sewing Construction and Textiles 1

This course is a continuation of Designer Sewing 1. The emphasis will be on individualized sewing and skill building to help students construct current fashionable clothing, sports and active wear items, and/or home décor items such as quilt tops, pillows, and wall hangings, etc. Projects will be selected to help the student apply current skills and learn additional skill. **THIS CLASS CAN BE TAKEN MORE THAN ONCE.** Each time the class is taken, the student will continue to build on current sewing skills. Students can opt to take this class as a concurrent enrollment class through USU - **FCSE 1040.**\$\$ CIP 20.0213

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 at the school's preschool. CIP 20.0102

EARLY CHILDHOOD EDUCATION 1 (Child Care)

.5 - 1 Technical credit

Grades 11-12

Course #8160

Prerequisite: Child Development

This advanced course prepares individuals for child related careers and more extensive parenting skills through personal interaction with children. Instruction is given in developing positive relationships and learning experiences for children, childcare policies and management, guidance techniques, and health and safety concerns. The school's preschool and other childcare experiences will be a major component of the course. Students will need to provide their own transportation. **This class may be taken twice to meet a Pathways requirement.** CIP 20.0201

EDUCATION 1

.5 Technical credit

Grades 10-12

Course #8801

Experience and participate as you learn about the role and characteristics of an effective educator. 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.

FASHION DESIGN STUDIO

.5 Technical credit

Grades 9-12

Course #8169

Fashion strategies 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. This is a prerequisite course for BTECH classes. Instruction includes: fashion terminology, fashion design, merchandising, and selecting current fashions for different figure types. \$\$ CIP 20.0306

HDFS 1500 HUMAN GROWTH AND DEVELOPMENT

Concurrent Enrollment 3 USU credits

.5 Technical credit and Social Studies elective credit

Grades 11-12

Course #8106

Prerequisite: 3.0 GPA

Fee: one-time \$30 application fee to USU

This course is an overview of human development from conception through late adulthood, focusing on biosocial, cognitive, and psychosocial development throughout the lifespan. HDFS 1500 is an approved Social Science General Education course at USU. Concurrent Enrollment fees apply. CIP 20.0112 (NCAA)

HDFS 2400 MARRIAGE AND FAMILY RELATIONSHIPS

Concurrent Enrollment 3 USU credits

.5 Technical credit and Social Studies elective credit

Grades 11-12

Course #8121

Prerequisite: 3.0 GPA

Students will learn basic concepts and approaches in the study of marriage and the family and 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. Concurrent Enrollment fees apply. CIP 20.0107

FOOD AND NUTRITION 1

.5 Technical credit

Grades 9-12

Course #8117

This course is designed to teach the process of quick and efficient food preparation and management and is a prerequisite course for BTECH classes. Instruction includes: kitchen safety, nutrition, dietary guidelines, measurement, and the use of equipment. Emphasis is placed on making food management creative, fun, and appetizing and is the only class where you can eat your assignments! \$\$ CIP 20.0108

FOOD AND NUTRITION 2

.5 Technical credit

Grades 10-12

Course #8118

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, casseroles, breads, meats, poultry, and pastries. \$\$ CIP 20.0118

INTERIOR DESIGN 1

.5 Fine Art or Technical credit

Grades 10-12

Course #8131

This course is designed to help students develop 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 their own interior spaces, including walls, floors, windows, and furnishings, and will present single room designs. \$\$ CIP 20.0110

NUTRITION 1020

Concurrent enrollment 3 WSU credits

.5 Technical credit/.5 Science credit

Grades 11-12

Course #8345

Prerequisite: 3.0 GPA

NFS 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. Concurrent Enrollment fees apply. \$\$ CIP 51.1316

HEALTH SCIENCES/MEDICAL

ADVANCED HEALTH SCIENCE 1110, 1111 A, B, C

Concurrent Enrollment 8-14 WSU credits

1.5 Technical credit

Grade 12

Course #8342, 8343, 8344

Prerequisite: 3.0 GPA 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 day 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 \$15.00 lab fee. Students are required to purchase lecture notes from Weber State University. Concurrent Enrollment fees apply. \$\$ CIP 51.1399

INTRO TO EMERGENCY MEDICAL RESPONSE (FIRST AID)

.5 Technical credit

Grades 10-12

Course #8314

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. There is a \$10 lab fee to replenish first aid supplies and pay for certification cards. \$\$ CIP 51.0810

EXERCISE SCIENCE 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 conditional 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 lab fee for handouts and medical supplies to be used during labs. \$\$ CIP 51.0913

EXERCISE SCIENCE/AT2175 A & B

Concurrent Enrollment 3 WSU credits

1 Technical credit

Grades 11-12

Course #8301, 8311

Prerequisite: 3.0 GPA

This two-trimester Weber State University Concurrent 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 will deal with human anatomy and physiology. This course will be two trimesters. There is a \$15 lab fee for handouts and medical supplied to be used during labs. \$\$ CIP 51.0913

INTRODUCTION TO HEALTH SCIENCE

.5 Technical credit

Grade 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 those students that are not sure if this is their field of interest. We will examine basic anatomy, medical terminology, and career exploration. This class has a \$5 lab fee to cover handouts, medical supplies, etc. Some students take this class in order to learn some anatomy and medical terminology prior to taking the full year course. \$\$ CIP 51.1399

MEDICAL ANATOMY/PHYSIOLOGY/TERMINOLOGY

1.5 Technical or Elective Science credit

Grades 11-12

Course # 8331, 8332, 8333

This full-year course provides students with an in-depth study of healthcare careers including actual clinical experience in a variety of areas. Instruction includes intermediate anatomy & physiology, medical terminology, diseases and disorders, medical ethics, and first aid. The class is designed to prepare students for the Advanced Health Science course and/or for a variety of health technology programs. This class has a \$10 per trimester fee to cover the cost of handouts and supplies used in class and labs. \$\$ CIP 51.1315

NUTRITION 1020

Concurrent enrollment 3 WSU credits

.5 Technical credit/.5 Science credit

Grades 11-12

Course #8345

Prerequisite: 3.0 GPA

NFS 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. Concurrent Enrollment fees apply. \$\$ CIP 51.1316

PHOTO/VIDEO/ART

COMMERICAL 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. \$\$ CIP 50.0406

COMMERCIAL PHOTOGRAPHY 2

.5 Fine Art or Technical credit

Grades 10-12

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. \$\$ CIP 50.0406

PRINTMAKING

.5 Fine Art or Technical credit

Grades 9-12

Course #1129

Building from art foundations, this class will have application to 2D design principles with a tight focus on line and shape. Students will learn about basics of printmaking by carving stamps to create patterns and images, creating stencils for screen printing on T-shirts, etching into acrylic glass and printing with a press, in addition to using other printmaking processes to create original works of art.

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. CIP 10.0104

IT STEM ACADEMY

IT STEM ACADEMY

.5 Technical credit per trimester

Grades 10-12

Course #8070

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

Do you like computer, programming and all things Cyber? Learn about PC hardware, programming, networking, cyber security, web development, Linux, Mac, and Raspberry Pi. This free program is offered after school M-Th with options for multiple entry points during the year. Complete a BTech industry recognized certificate while in high school.

Complete 30 credits toward an associate's degree at USU (equivalent to one year)—tuition free! Students completing the first course are eligible to program and take home a Raspberry Pi. **Freshmen that are interested, speak to Mrs.**

Norman. For more information contact Bonnie Campbell at bcampbell@btech.edu, (435) 535-5310.

Year 1 Course Schedule: PC Professional, Raspberry Pi I, Python Programming OR Web Dev. Essentials, Linux Essentials OR Mac Essentials.

Year 2 Course Schedule: Networking Technology, Intro to Cyber Security, Required courses not chosen from Year 1, Electives – Security Essentials (prereq: Network Tech.), Raspberry Pi II.

Students can receive up to 150 hours of certification credit for CTE/Technology classes taken at their high school. There are additional electives available in the summer or post-high at BTECH.

CABINET MAKING/MILLWORK

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, shape, assemble, and finish projects. Value is placed on developing craftsmanship, a production sense, and in design principles. This course emphasizes the safe use of a variety of hand tools, power tools and machinery. In this course, students will use the machinery and shop tools to make an end table. \$\$ CIP 48.0701

WOODS 3

.5 Technical credit

Grades 10-12

Course #8269

Prerequisite: Woods 1

The third in a sequence of courses that prepares individuals to apply technical knowledge and skills to lay-out, shape, assemble, and finish projects. Value is placed on developing craftsmanship, a production sense, and in design principles. This course emphasizes the development of widely understood and accepted design principles. In this course, students will use machinery and shop tools to further their skill in woodworking by making a nightstand or end-grain coffee table. \$\$ CIP 48.0702

INTRODUCTION TO CONSTRUCTION

1 Technical credit

Grades 10-12

Course #8710

Prerequisite: 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 $\frac{1}{4}''=1''-0''$ scale. These courses are based on the current National Center for Construction Education and Research (NCCER) task list. \$\$ CIP 48.0702

CAD ARCHITECTURAL DESIGN 1

.5 Technical credit

Grades 9-12

Course #8181

The first in a sequence of courses that prepares individuals for careers in the Architecture, Engineering, and Construction (AEC) industry. This course includes instruction in 2D or 3D Computer-Aided Design (CAD) software to draw a small residential home with an emphasis on blueprint reading. CIP 46.0201

FINANCE

Any of these classes meets the Financial Literacy graduation requirement.

ADULT ROLES/FINANCIAL LITERACY A & B

.5 Technical and .5 Financial Literacy credit

Grades 11-12

Course #8139, 8142

This course prepares individuals to understand the nature and significance of individual and family relationships integrated with general financial literacy. Topics include: decision-making to set and implement goals, values, communication skills, self-awareness, families, sources of income and the relationship between income and career preparation, crisis management, dating, marriage preparation, marriage, money management, saving, investing, and parenting. Students who complete the entire 1.0 course will fulfill the Financial Literacy graduation requirement. CIP 20.0117.

FCSE 1350 PERSONAL FINANCIAL PLANNING

Concurrent Enrollment 3 USU credits

.5 required Financial Literacy credit

Grades 11-12

Course #0335

Prerequisite: 3.0 GPA

This concurrent enrollment course satisfies the high school General Financial Literacy requirement and is designed for students who are planning to attend college. Students will gain an understanding of financial topics needed to be knowledgeable and effective consumers, money managers, savers, investors, users of credit and productive workers. Concurrent Enrollment fees apply.

FINANCIAL LITERACY

.5 required Financial Literacy 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.

ELECTIVES

CTE INTERNSHIPS

.5 Technical or Elective credit

Grades 11-12

Course #8207

Prerequisite: Students must complete an application and submit to the work based learning instructor no later than 10 days into the previous trimester. (Please see application for student requirements and criteria. Applications available in the CELF Center or from the work based learning instructor.)

Students who receive an acceptance letter should see their counselor for a schedule change. Students will not be able to register for this class without a letter of acceptance. 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. CIP 32.0199

DRIVER EDUCATION A, B, C

.5 Elective credit

Grades 9-12

Course #9130, 9131, 9132

Prerequisite: Must have learner's permit before starting class

Fees: School year class: \$140 Summer class: \$170 Online class: \$170 ALL FEES MUST BE PAID BEFORE STARTING CLASS!

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 – Feb-May 31; 3rd trimester – June – Oct. 31. Road hours will be before and after school and on Saturdays. 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 (435-792-7765, ext. 5300). This means a student can take the class on the internet and the driving portion with the teachers at MCHS and RHS. There are no fees for the internet classroom; fees for the driving portion are \$170. The law which went into effect August 2, 2006 states 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. Test are taken at the Driver's License Division and before taking the Driver's Education class. **Do not come to class without having a learner's permit and your fees paid.**

DIVERSITY DISCOVERY A, B

1 Elective credit

Grades 10-12

Course #9208, 9209

Diversity Discovery is a two trimester class designed to teach diverse students how to become leaders while serving in the community. The course also expands and enriches cultural background, language, and a developing voice. Students are encouraged to gain self-confidence, develop a desire to excel in academics, and pursue higher education or career interests and skills. Scholarship writing will also be a focus. Students serve as translators for parent teacher conferences, and may be involved in tutoring elementary students, or participating on a student educator multicultural panel at Utah State University.

LIGHT & SOUND

.5 Elective credit

Grades 9-12

Course #See Counselor

This course introduces students to some of the necessary skills required for technical stage production. Topics include the basics of operating lighting and sound equipment; equipment maintenance; constructing and rigging scenery; and hanging and focusing of lighting. Course Participants will make up the Light and Sound crew and will help provide audiovisual services for school activities such as: theatre productions, assemblies, concerts, and club activities. In addition to time in class, students are expected to put in time after school hours 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 graders can register for this class with permission from the teachers or if they have prior peer tutor experience.**

RELEASED TIME

RELEASED TIME A – Course #0551

RELEASED TIME B – Course #0552

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. There is a substantial tuition fee. A parent permission form must be submitted. See your counselor for enrollment details. \$\$

WORK-BASED LEARNING

CTE INTERNSHIPS

.5 Technical or Elective credit

Grades 11-12

Course #8207

Prerequisite: Students must complete an application and submit to the work based learning instructor no later than 10 days into the previous trimester. (Please see application for student requirements and criteria. Applications available in the CELF Center or from the work based learning instructor.)

Students who receive an acceptance letter should see their counselor for a schedule change. Students will not be able to register for this class without a letter of acceptance. 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. CIP 32.0199

BRIDGERLAND TECHNICAL COLLEGE

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

SOPHOMORES MAY NOT ENROLL IN BTECH CLASSES

STUDENTS MUST ENROLL IN PREREQUISITE CLASSES TAUGHT AT MCHS BEFORE BEING ALLOWED TO TAKE ADVANCE COURSED AT BTECH.

Bridgerland Technical College (BTECH) provides an exciting opportunity for advanced vocational/technical training. 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 students who is planning on taking a course from BTECH needs to complete and "Admissions Form". This form can be found on the internet by going to my.btech.edu. Grades 11-12.**

AUTOMATED MANUFACTURING & ROBOTS (see previous information)

1 Technical credit per trimester

Grades 11-12

Course #8542

Fees: \$75 for entire year

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 CIP 47.0303

BTECH ANIMAL SCIENCES

Fees: \$67-\$133 Dissection kit, stethoscope, scrubs

\$25 Lab Supplies per trimester

Prerequisite: Juniors and Seniors only

Course #8029

The Animal Sciences certificate program provides high school students with hand-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. High school students transitioning to the adult program will be required to submit to a background check when they turn 18.

BTECH AUTO COLLISION

Course #8223

This fun program 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

Course #8542

Those in the Automated Manufacturing industry have some of the highest starting wages in the local area. Come learn valuable industry experience in industry-driven course. Courses include: Basic Electrical Theory and Wiring, Automation Technician Basics, Fluid Power Pneumatics and Hydraulics, Industrial Mechanics, Electrical Motor Controls, Electric Motors and drives, Programmable Logic Controllers 1, Sensors, Introduction to Industrial Robotics, Skills and Troubleshooting Certification.

BTECH AUTOMOTIVE SERVICE

Course #8228

Fees: approx. \$5 safety equipment

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 student's 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

Course #8215

Fees: \$40 refundable tool rental

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

BTECH BUSINESS TECHNOLOGY

Course #8353

Fees: \$0-\$120 consumable workbooks depending on subject area

Want to run your own business or work in a business career? Learn topics of your choice. Each course successfully completed will receive credit in the full-time program if enrolled within one year of graduation. Students select from the following subject(s):

- Accounting I & II
- Adobe Suite
- Business Math
- Digital Applications
- Entrepreneurship
- Microsoft Application Software
- QuickBooks Pro (Pre-requisite of Accounting I)
- Social Media Marketing (Pre-requisite of Online Applications)

BTECH COSMETOLOGY

Course #8093

Fees: Materials approx. \$25-\$450. Consumable workbooks, basic high school supply kit and uniform

Prerequisite: *must be 16 years old*

This class is held at the Brigham City BTECH campus and each student is responsible for their own transportation. Students learn the “why” during Cosmetology/Barbering theory classes. They learn the “how” while participating in practical demonstrations, hands-on classes, and through completion of service tasks on mannequins, live models and customers.

Basic/Intermediate Skills: Analysis, consultations, professionalism, hair & scalp care, wet & dry hairstyling, manicures and pedicures, safety and blood exposure, shampooing & draping, perms

Intermediate/Advanced Skills: haircutting-shears, clippers, razors, hair coloring/lightening, hair removal-tweeze/wax, business skills, barbering/shaves, facials/cosmetics/lashes, advance nails

BTECH CULINARY ARTS

Course #8091

Fees: \$35 Tool rental with \$10 refundable when returned

Do you have a passion for preparing and serving food? Discover the world behind the food industry, one of the largest employers in the nation. You will gain expertise in basic food preparation, safety, sanitation, catering, table setting, and clean-up as well as the proper use of knives and other culinary equipment. You will have the opportunity to bring all of these skills, combined with proper waiting/waitressing skills, together as you participate in four (4), five-hour culinary events during the course of your enrollment. **Hair net required.**

BTECH DENTAL ASSISTING

Course #8294

Fees: \$15-\$35 per course for consumable materials

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

Course #8233

Fees: Approx. \$28 for safety glasses and coveralls

This is 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; and choose optional 4-wheel drive repair, including repair of transmissions, transfer cases, front/rear differentials, engine overhaul, tune-up, and performance testing.

BTECH DRAFTING

Course #8180

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

- 3D Modeling and Animation Design
- 3D Parametric Solid Modeling
- Architectural 3D Modeling and Rendering
- Architectural Drafting
- Basic Computer Aided Drafting
- Technical Drafting

BTECH DRUG DOSAGES AND CALCULATIONS

Course #8326

Fees: Approx. \$90 book

This class is strongly suggested for students who plan a career in nursing, pharmacy, or medicine. Students will learn medical math from the basics through IV dosages and calculation as well as metric conversions. This course is

encouraged for Pharmacy Technician students and a prerequisite for Bridgerland's Practical Nursing Program. (Students must earn 80% or higher in the course to demonstrate competence requirements for Bridgerland programs).

BTECH ELECTRONIC ENGINEERING TECHNOLOGY

Course #8219

Electronic Engineering technicians are in high demand; come gain valuable industry experience in our industry driven courses. Courses include: Basic Electrical Theory and Wiring, Electronics Assembly and Soldering, Electronics Fundamentals DC, Electronics Fundamentals AC, Semiconductor Devices, Digital Fundamentals, Microcontrollers 1, Microcontrollers 2, Drone Piloting UAVs, Mobile Robotics Platforms, Plus electives.

BTECH FASHION MERCHANDISING AND DEVELOPMENT

Course #8047, 8048, 8050

Fees: \$15-\$20 consumable supply packets

Prerequisite: *Fashion Strategies*

Fashion Merchandising A – Learn the ins and outs of fashion promotion while working on a full-scale fashion show. Learn how to identify and analyze body proportions and body types to successfully select and style fashion wardrobes and accessories. Also learn marketing techniques; such as market research, advertising, and product packaging, used to develop new products in the cosmetic and fragrance industries. (Trimester 1)

Fashion Merchandising B Dive into the industries of men's and women's apparel and accessories by learning about specific styles and the construction details from which they are composed. Learn how fashion trends of the past have influenced the industry today, and how the heavy hitters of today's fashion design industry have found success. Try your hand at design as you go through the process of creating a collection on paper, gaining an understanding of fibers, construction, and textiles used in production of apparel along the way. (Trimester 2)

Fashion Merchandising C – Discover the countless fashion career opportunities and the techniques needed to be successful. Learn the principles of store design and color psychology used in effective visual merchandising and display, as well as the techniques used in selling products and ideas in the retail industry. You will also have the opportunity to plan and produce a full-scale fashion show while gaining an understanding of promotional event planning. (Trimester 3)

BTECH HEAVY EQUIPMENT OPERATOR

Course #8222

Fees: \$25

Prerequisite: *must have a valid driver's license*

This course is designed to provide an introduction to the heavy equipment industry and basic heavy equipment operation. Students will be instructed by trained operators that have been employed in the heavy equipment operations industry. Each student will receive hands-on experience with the available equipment. The course modules include: OSHA 10 hour Construction Safety Certification, Orientation to the Trade, Heavy equipment safety, Identification of Heavy equipment, Basic Operator Techniques, Introduction to Earth Moving, Determine and establish grades, Excavation Math, Operate loaders, Operate backhoes, Operate excavators, Operate skid steers.

BTECH INFORMATION TECHNOLOGY (IT)

Course #8070

Fees: \$5-\$30 fee per course – each course has a different fee

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

PC Professional (\$30 fee) - 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 (\$30 fee) – students must take PC Professional before taking Network Technology. Students will gain the skills to design, configure, manage, and troubleshoot wired and wireless networks.

Security Essentials (\$30) – students must take Networking Technology before taking Security Essentials. Students will learn how to secure networks from unauthorized activity through implementation of effective security policy, authentication, and encryption.

Introduction to Ethical Hacking (\$5 fee)– Sample both defensive and offensive security in an introductory, projects-based course.

Linux Essentials (\$5 fee) – Students will learn the basics of the Linux operating system, including command line, file management, and open-source applications.

AWS Cloud Foundations (Amazon Web Services) (\$5 fee) - Gain a basic understanding of cloud concepts, AWS services, security, and architecture.

IT STEM Academy (see next course for details) – join students from 8 local high schools in an extracurricular IT STEM program. Course and labs are completed at YOUR high school. Upon completion of the program, students will receive a 900-hour certificate that counts as 30 credit hour towards an IT AAS and BS degree at USU.

BTECH IT STEM ACADEMY

Course #8070

Prerequisite: *PC Pro for all courses.*

This course is offered after school at the high school.

The IT STEM Academy provides IT training at your high school culminating in a 900-hour skills certificate and 30 credits toward AAS degree at USU. Students may join the program at multiple entry points during the year. IT STEM courses and labs are funded through a grant at no cost to high school students.

Year 1 Course Schedule: PC Professional, Raspberry Pi I, Python Programming, Web Dev. Essentials,

Year 2 Course Schedule: Networking Technology, AWS Cloud Foundations (Amazon Web Services), Linux Essentials, Intro to Ethical Hacking.

Students can receive up to 150 hours of certification credit for CTE/Technology classes taken at their high school. There are additional electives available in the summer or post-high at BTECH.

BTECH INTERIOR DESIGN

Course #8128

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

BTECH MACHINING TECHNOLOGY

Course #8257

Fees: \$10-\$20 supplies and workbooks. Advance curriculum (after first tri): \$75-\$128

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 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. Students will learn: basic and advanced manual mill & lathe, CAD/CAM using Mastercam, Machine programming, basic and advanced parts inspection.

BTECH MEAT SERVICES

Course #8097

Fees: \$20 knife rental with \$10 refundable when returned.

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

BTECH MEDIA DESIGN

Course #8249

Learn tools and techniques to develop creative internet and print materials. Develop an understanding of the current software applications and methods for design. Build a strong foundation in the diverse fields of graphic design, digital video, and multimedia design. Courses include: Computer Graphic Design, Computer Illustration, Desktop Publishing, Web Design, Video production, Animation.

BTECH MEDICAL ASSISTING

Course #8299

Fees: \$100-\$310 for consumable materials

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

BTECH MEDICAL TERMINOLOGY

Course #8290

Fees: Approx. \$70 book

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 Bridgerland Practical Nursing and Medical Assisting programs and is strongly recommended for students who plan to pursue a health care career. Students must earn 80 percent or higher in the course to demonstrate competency requirements for Bridgerland programs.

BTECH NURSING ASSISTANT (CNA)

Course #8348

Fees: \$140-\$260 fees and supplies

Prerequisite: Must be 16 – preference given to seniors

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 one year 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 that students seeking certification must pass all course exams with 75 percent or higher. A 24-hour externship in a nursing home is a requirement and 100 hours of training is required to receive certification.** Attendance policies are rigidly enforced. Students must provide their own transportation to clinical facilities. Recommended for the Bridgerland Practical Nursing Program and required for most nursing programs.

BTECH PHARMACY TECHNICIAN

Course #8292

Fees: \$60 lab fee (one-time fee for school year)

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

BTECH REAL ESTATE

Course #8068

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 course and is an exploratory experience that will not result in a real estate license.

BTECH WEB & MOBILE DEVELOPMENT

Course #8065

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

Course #8259

Fees: \$0-\$80 supplies and workbook

This class offers basic welding training in seven welding processes. The class 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 course are offered every trimester.

BTECH Wildland Firefighter

Course #8210

Fees: \$10 Fee, Approx. \$20 books/supplies

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 mile in 45 min with a 45lb. pack on).

LANGUAGE ARTS

#	Course	Grade
4054	AP English A	11-12
4055	AP English B	11-12
4056	AP English C	11-12
4059	Advanced Creative Writing	11-12
8401	Business Communication	10-12
4025	Creative Writing	11-12
4064	Debate 1A	9-12
4065	Debate 1B	9-12
4078	English 9 A	9
4079	English 9 B	9
4095	English 10 A	10
4096	English 10 B	10
4011	English 11 Literature	11
4010	English 11 Writing	11
4015	English 12 Literature	12
4014	English 12 Writing	12
4050	English 1010	12
4051	English 2200	12
4026	Humanities A	11-12
4027	Humanities B	11-12
4040	Journalism – Newspaper A	10-12
4041	Journalism – Newspaper B	10-12
4042	Journalism – Newspaper C	10-12
4043	Journalism – Yearbook A	11-12
4044	Journalism – Yearbook B	11-12
4045	Journalism – Yearbook C	11-12
4038	Mythology	11-12
4036	Sci/Fi Fantasy	9-12
4077	Spanish Literacy	11-12
4033	Sport Literature and Broadcasting	11-12
4031	Western Lit & Film	10-12

WORLD LANGUAGES

#	Course	Grade
4714	French 1A	9-12
4715	French 1B	9-12
4717	French 2A	10-12
4718	French 2B	10-12
4719	French 3A	11-12
4720	French 3B	11-12
4721	French 4A	11-12
4722	French 4B	11-12
4725	German 1A	9-12
4726	German 1B	9-12

4727	German 2A	10-12
4728	German 2B	10-12
4757	Mandarin Chinese 1A	9-12
4758	Mandarin Chinese 1B	9-12
4748	Mandarin Chinese 2A	10-12
4749	Mandarin Chinese 2B	10-12
4766	Mandarin Chinese 3A	11-12
4767	Mandarin Chinese 3B	11-12
4766	Mandarin Chinese 4A	11-12
4767	Mandarin Chinese 4B	11-12
4704	Spanish 1A	9-12
4705	Spanish 1B	9-12
4706	Spanish 2A	9-12
4707	Spanish 2B	9-12
4708	Spanish 3A	10-12
4709	Spanish 3B	11-12
4710	Spanish 4A	11-12
4711	Spanish 4B	11-12

SOCIAL STUDIES

#	Course	Grade
6024	American Government	12
6005	Ancient World History	9-10
6007	AP European A	10-12
6008	AP European B	10-12
6009	AP European C	10-12
6014	AP US History A	11-12
6015	AP US History B	11-12
6016	AP US History C	11-12
6032	AP US Govt/Politics A	11-12
6033	AP US Govt/Politics B	11-12
6017	AP Comparative Govt/Politics A	11-12
6018	AP Comparative Govt/Politics B	11-12
6031	Current Issues	10-12
6051	Economics 1500	11-12
4026	Humanities A	11-12
4027	Humanities B	11-12
6012	History 1700	11-12
6006	Modern World History	10-12
6020	Psychology	11-12
6052	Psychology 1010	11-12
6021	Sociology	11-12
6010	US History A	11
6011	US History B	11
6003	World Geography	9

MATHEMATICS – FOUNDATIONS

#	Course	Grade
5303	Secondary Math 1A	9
5304	Secondary Math 1B	9
5305	Secondary Math 1C	9
5333	Secondary Math 1A – Honors	9
5334	Secondary Math 1B – Honors	9
5306	Secondary Math 2A	10
5307	Secondary Math 2B	10
5308	Secondary Math 2C	10
5336	Secondary Math 2A – Honors	10
5337	Secondary Math 2B – Honors	10
5309	Secondary Math 3A	11
5310	Secondary Math 3B	11
5338	Secondary Math 3A – Honors	11
5339	Secondary Math 3B – Honors	11
5342	Secondary Math 3A – Honors BLOCKED	10
5343	Secondary Math 3B – Honors BLOCKED	10

MATHEMATICS –ADVANCED

#	Course	Grade
5026	AP Calculus (AB) A	11-12
5027	AP Calculus (AB) B	11-12
5028	AP Calculus (AB) C	11-12
5030	AP Statistics A	11-12
5031	AP Statistics B	11-12
5024	Math 1050	12
5025	Math 1060	12
5022	Precalculus A	10-12
5023	Precalculus B	10-12
5208	Stats 1040	11-12

MATHEMATICS – APPLIED

#	Course	Grade
8364	Accounting 1	10-12
8365	Accounting 2	10-12
5200	Math of Personal Finance A	11-12
5201	Math of Personal Finance B	11-12
5206	College Prep Math A	11-12
5207	College Prep Math B	11-12
8725	Computer Programming I	10-12
8726	Computer Programming II	10-12

SCIENCE

#	Course	Grade
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8026	Agriculture Biology A	9-12
8027	Agriculture Biology B	9-12
8028	Agriculture Science 1A	9-12
8034	Agriculture Science 1B	9-12
3016	AP Biology A	11-12
3017	AP Biology B	11-12
3021	AP Biology C	11-12
8032	Animal Science A	10-12
8033	Animal Science B	10-12
3054	Astronomy	10-12
3010	Biology A	10-12
3011	Biology B	10-12
3020	Botany	11-12
3034	Chemistry 1010	11-12
3030	Chemistry A	10-12
3031	Chemistry B	10-12
3003	Earth Science A	9-12
3004	Earth Science B	9-12
8711	Electronics 1	9-12
8712	Electronics 2	9-12
8713	Engineering Principles 1	9-12
8714	Engineering Principles 2	10-2
3050	Environmental Science A	11-12
3051	Environmental Science B	11-12
8331	Medical Anatomy/Physiology/Terminology A	11-12
8332	Medical Anatomy/Physiology/Terminology B	11-12
8345	Nutrition 1020	11-12
3044	Physics	9-12
3045	Physics	9-12
8014	Plant Science Concurrent A	11-12
8018	Plant Science 1800	11-12
8539	Robotics 1	9-12
8540	Robotics 2	9-12
8030	Vet Assisting A	11-12
8031	Vet Assisting B	11-12
3023	Wildlife Biology	10-12

HEALTHY LIFESTYLES

#	Course	Grade
7060	Yoga	9-12
7004	Fitness Athletic Weights/Conditioning 1	10-12
7517	Fitness Athletic Weights/Conditioning 2	10-12
7518	Fitness Athletic Weights/Conditioning 3	10-12
7013	Fitness Weights – Beginning	9-12
7056	Fitness Weights – Beginning F	9-12
7057	Fitness Weights – Beginning M	9-12

7006	Fitness Weights/Conditioning Advanced	11-12
7117	Baseball* (Team)	9-12
7113	Basketball F* (Team)	9-12
7114	Basketball M* (Team)	9-12
7100	Cheer Squad A*	10-12
7101	Cheer Squad B*	10-12
7102	Drill Team (Caprielles) *	9-12
7105	Football* (Team)	9-12
7111	Golf* (Team)	9-12
7002	Health	9
7005	Fitness for Life	9-12
7009	Lifetime Sports & Fitness	11-12
7017	Social Dance 1F	9-12
7018	Social Dance 1M	9-12
7019	Social Dance 2 F	10-12
7020	Social Dance 2 M	10-12
7023	Social Dance 3 F	10-12
7024	Social Dance 3 M	10-12
7115	Swimming* (Team)	9-12
7016	Swimming – Advanced	9-12
7015	Swimming – Beginning	9-12
7104	Volleyball* (Team)	9-12
7112	Wrestling* (Team)	9-12

FINE ARTS

#	Course	Grade
1110	AP Art A	11-12
1111	AP Art B	11-12
1112	AP Art C	11-12
1101	Art 1	9-12
1102	Art 2	9-12
1006	Band – Symphonic A (ADV)	9-12
1007	Band – Symphonic B (ADV)	9-12
1008	Band – Symphonic C (ADV)	9-12
1003	Band – Concert A (Inter)	9-12
1004	Band – Concert B (Inter)	9-12
1005	Band – Concert C (Inter)	9-12
1009	Band – Percussion A	9-12
1010	Band – Percussion B	9-12
1011	Band – Percussion C	9-12
1120	Ceramics 1	9-12
1123	Ceramics 2	9-12
1045	Choir – A Cappella (Mixed Choir) A*	11-12
1046	Choir – A Cappella (Mixed Choir) B*	11-12
1047	Choir – A Cappella (Mixed Choir) C*	11-12
1058	Choir – Men's Chorus	9-12

1059	Choir – Men’s Chorus	9-12
1069	Choir – Men’s Chorus	9-12
1042	Choir – Treble	9-12
1043	Choir – Treble	9-12
1044	Choir – Treble	9-12
8287	Commercial Photography 1	9-12
8288	Commercial Photography 2	9-12
8016	Floriculture (Floral Design)	10-12
1024	Beginning Guitar	9-12
1025	Guitar 2	9-12
1075	Guitar 3	10-12
1076	Guitar 4	10-12
4026	Humanities A	11-12
4027	Humanities B	11-12
8131	Interior Design 1	9-12
1062	Music 1010	11-12
1077	Musical Theatre Production	9-12
1052	Orchestra – Inter A	9-12
1053	Orchestra – Inter B	9-12
1054	Orchestra – Inter C	9-12
1033	Orchestra – Advanced A	9-12
1034	Orchestra – Advanced B	9-12
1035	Orchestra – Advanced C	9-12
1088	Play Production	9-12
1129	Printmaking	9-12
1105	Sculpture	9-12
7017	Social Dance 1F	9-12
7018	Social Dance 1M	9-12
7019	Social Dance 2 F	10-12
7020	Social Dance 2 M	10-12
7023	Social Dance 3 F	10-12
7024	Social Dance 3 M	10-12
1060	Song Writing (Composition)	10-12
1083	Theatre 1	9-12
1090	Theatre 2	9-12
8189	Video Tech & Production A	9-12
8190	Video Tech & Production B	9-12

TECHNICAL

#	Course	Grade
8364	Accounting 1	10-12
8139	Adult Roles/Financial Lit A	11-12
8142	Adult Roles/Financial Lit B	11-12
8342	Adv Health Science 1110 A	12
8343	Adv Health Science 1111 B	12

8344	Adv Health Science 1111 C	12
8006	Adv Ag Mechanics	11-12
8000	Ag Systems Tech 1A	10-12
8001	Ag Systems Tech 1B	10-12
8002	Ag Systems Tech 2A	10-12
8003	Ag Systems Tech 2B	10-12
8026	Agriculture Biology A	9-12
8027	Agriculture Biology B	9-12
8028	Agriculture Science 1A	9-12
8034	Agriculture Science 1B	9-12
8032	Animal Science A	10-12
8033	Animal Science B	10-12
0335	FCSE 1350	11-12
8401	Business Communications	10-12
8378	Business Office Specialist	9-12
8250	CAD Architectural Design 1	10-12
8178	CAD Mechanical Design 1	10-12
8162	Child Development	10-12
8287	Commercial Photography 1	9-12
8288	Commercial Photography 2	9-12
8725	Computer Programming I	10-12
8726	Computer Programming II	10-12
8732	Computer Science Principles	10-12
8058	Digital Marketing/Social Media	10-12
8160	Early Childhood Education 1	11-12
8801	Education 1	10-12
8802	Education 2	10-12
8803	Education 3	11-12
6051	ECON 1500	11-12
8711	Electronics 1	9-12
8712	Electronics 2	10-12
8713	Engineering Principles 1	10-12
8714	Engineering Principles 2	10-12
8357	Entrepreneurship	10-12
8303	Exercise Science A	11-12
8304	Exercise Science B	11-12
8301	Exercise Science 2175 A	11-12
8311	Exercise Science 2175 B	11-12
8080	Exploring Computer Science	9-10
8169	Fashion Design Studio	9-12
8106	HDFS 1500 (Human Growth & Development)	11-12
8121	HDFS 2400 (Marriage & Family Relations)	11-12
8022	Floriculture (Floral Design)	10-12
8117	Foods & Nutrition 1	9-12
8118	Foods & Nutrition 2	10-12
8269	Furniture Design & Manufacturing A	10-12

8272	Furniture Design & Manufacturing B	10-12
8131	Interior Design 1	9-12
8710	Intro to Construction	10-12
8314	Intro to EMS (First Aid)	10-12
8320	Intro to Health Science	10
8066	Leadership Management Principles	10-12
8054	Marketing	10-12
8331	Med Anatomy/Physiology A	11-12
8332	Med Anatomy/Physiology B	11-12
8333	Med Terminology C	11-12
8345	Nutrition 1020	11-12
8014	Plant Sci. Concurrent A	11-12
8018	Plant Science 1800	11-12
8539	Robotics 1	10-12
8540	Robotics 2	10-12
8136	Sewing Construction and Textiles 1	9-12
8137	Sewing Construction and Textiles 2/FCSE 1040	10-12
8059	Sports & Entertainment Marketing	9-12
8030	Veterinary Assisting A	11-12
8031	Veterinary Assisting B	11-12
8189	Video Tech & Production A	10-12
8190	Video Tech & Production B	10-12
8359	Web Development 1	10-12
8368	Web Development 2	10-12
8268	Woods 1	9-12
8274	Woods 3	10-12

FINANCE

#	Course	Grade
8139	Adult Roles/Fin Lit A	11-12
8142	Adult Roles/Fin Lit B	11-12
0333	Financial Literacy	11-12
0335	FCSE 1350	11-12

ELECTIVES

#	Course	Grade
9130	1 st Tri Drivers Ed A	9-11
9131	2 nd Tri Drivers Ed B	9-11
9132	3 rd Tri Drivers Ed C	9-11
8207	CTE Internships*	11-12
9208	Diversity Discovery A	11-12
9209	Diversity Discovery B	11-12
9147	Light & Sound	10-12
9141	Peer Tutor	10-12

RELEASED TIME

<u>#</u>	<u>Course</u>	<u>Grade</u>
0551	Released Time A	9-12
0552	Released Time B	9-12

WORK-BASED LEARNING

<u>#</u>	<u>Course</u>	<u>Grade</u>
8207	CTE Internships*	11-12

OFF-CAMPUS VOCATIONAL

<u>#</u>	<u>Course</u>	<u>Grade</u>
8086	Cosmetology	12

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