

**MOUNTAIN RIDGE JUNIOR HIGH  
9<sup>TH</sup> GRADE COURSE DESCRIPTIONS**



**9<sup>th</sup> Grade Core Courses**

 **\*\*MATH\*\***

**M2001 - Algebra:** (M, S/M, EM) 1.0 credit

This class includes variables, integers, simple equations, inequalities, factoring polynomials, rational expressions, graphing in coordinate planes, quadratic formulas and applications of the above topics.

**M2A01 - Algebra 1A:** (M, S/M, EM) 1.0 credit

This course covers in one year, the first half of the core Algebra course with additional math skills for students that need more time to develop skills in Algebra. The core requirement for Algebra would be completed by taking an additional year of Algebra B in High School.

**M3001 - Geometry:** (MC, S/M-1, EM, AM) 1.0 credit

Students **must** take Algebra before they sign up for this class. This class covers plane (Euclidean) geometry, and straightedge construction, basic logic, and the development axioms, postulates, and theorems. It also introduces basic trigonometric functions.

**M400H1 - Algebra Intermediate Honors (Alg II):** (MC, S/M, EM, AM) 1.0 credit

This is an **HONORS** advanced math class that will cover linear equations and inequalities, matrices, polynomials, irrational and complex numbers, quadratic equations, trigonometry, and conics. The class requires mastery in all the concepts in Algebra 1. It is also strongly recommended that students have completed Geometry. A graphing calculator is required.

 **\*\*ENGLISH\*\***

**EN091 - English 9:** (E) 1.0 credit

This course will emphasize reading, listening, viewing and speaking. The emphasis is on writing including mechanics and usage. Students will study novels and drama. Outside reading and book reports will be required.

**EN09H1 - English 9 Honors:** (E) 1.0 credit

This is an accelerated class for students who excel in English. The material covered is more in depth and the pace is faster. Out of class reading requirements are significant. There is more homework and higher expectations for projects. English grammar and syntax, sentence correctness, paragraphing and essay skills, as well as in-depth literature analysis will be covered. Students must be self-motivated and well behaved.

 **\*\*SCIENCE\*\***

**S3001 - Biology:** (SC1, S/M) 1.0 credit

This course will cover the general study of living organisms. We will study the functions of atoms, molecules, cells, and genetics. We will explore biological diversity, and analyze the characteristics of ecosystems and the interdependence of organisms with each other and with their environment. The class will be performing 5-6 dissections. This is a great class for students who are college bound or have a general interest in science. **This class fills one lab science requirement for Utah Scholar**

**S2001 - Earth Systems:** (SC3, S/M ) 1.0 credit

This course focuses on the theme of “systems.” Topics from physical, earth, and life science are integrated to help students develop an understanding of interactions and interdependence within and between such earth systems as matter cycles, energy flows, and life webs. Students will understand how altering one part of a system may affect the whole. Hands-on, inquiry-based instruction is used to help student value science as a process for obtaining knowledge based on observable evidence. **(9<sup>TH</sup> ONLY)**



**\*\*HISTORY\*\***

**HWG00- World Geography:** (G,) .5 credit

This course will cover the five themes of geography and follow state curriculum. We will study the various cultures of the world, including the way they live, work and use resources. We will look at the world through political, social and advancing technology, and utilize geographic skills. Students will understand the practical application of geography to everyday life through the use and study of maps.

**HWC10 - World Civilization:** (WC,) .5 credit

This course is the second half of the 9<sup>th</sup> grade History requirement. This course will study the history of diverse people and cultures of the world. This course will study the commonalities and differences of the human experience in the following six areas: (1) social, (2) scientific and technological, (3) economic, (4) religious and philosophical, (5) geographic, and (6) political. Three areas of study will be the Middle East, Western Europe, and the United States. Comparisons and evaluations will be the focus.

**HWGA1 – AP Geography & HWC1H0 Honors World Civilization:** (G,WC,SS) 1.00 Credit

This is a **rigorous and academically challenging** course for students who excel in History. This class introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth’s surface. Students employ spatial concepts and landscape analysis to examine diverse peoples, areas and environmental consequences. They will also learn about the methods and tool geographers use in their science and practice. Topics include population, culture, political organization, agriculture and land use, industrialization and economic development, and urban land use. Out of class assignment requirements are **significant**. **There is more homework and higher expectations for projects** . Students must be self-motivated and well behaved. This course is **college level**. The class will prepare students to take the AP Human Geography exam in May . Students who pass the Advanced Placement test will receive college credit for the course. This class is taught by Mrs. Hutchings.



**\*\*PE\*\***

**P3SKF0- Girl’s PE:** (PES) .5 credit

**P3SKM0- Boy’s PE:** (PES) .5 credit

Participation Skills and Techniques; This course is designed to develop competency in up to five different activities, with more of a focus on life-time sports. This class must be taken in Jr High.



**½ YEAR MUSIC ELECTIVE CLASSES - subject to change if class is not full**

**A431F1 – Girls Choir:** (A) .5 credit

This class will develop music and rhythm reading as well as pitch perception skills. It will cover a large variety of music styles and will perform at festivals and concerts.


**FULL YEAR MUSIC ELECTIVE CLASSES – subject to change if class is not full**
**A3021 - Intermediate Band:** (A) 1.0 credit

For those with skills that would suggest a middle comfort level. This will help them to be secure while they develop their playing skills. Students may participate in Jazz Ensemble on a “space available” basis and can audition for Symphonic Band.

**A8011 - Intermediate Orchestra:** (A) 1.0 credit

This course is offered to students with at least one year experience playing violin, viola, cello, or bass viol. In addition to the quarterly concerts, this orchestra performs for the District Intermediate Orchestra Festival. No audition required if experience criteria is met.

**A431M1– Men’s Choir:** (A) 1.0 credit

This class will develop music and rhythm reading as well as pitch perception skills. It will cover a large variety of music styles and will perform at festivals and concerts.


**FULL YEAR MUSIC AUDITION CLASSES**
**A3261 - Symphonic Band:** (A) 1.0 credit

Advanced instrumental ensemble directed toward performing the finest in contemporary, traditional, and classic band literature. There are generally twelve to fifteen performances each year. Contact Band office for details.

**A8021 - Advanced Orchestra:** (A) 1.0 credit

By teacher recommendation only. Students should be able to play in upper positions and/or take private lessons. In addition to the quarterly concerts, this orchestra performs for numerous Festivals, the Grand Concert, and the school musical. Students will be part of an ensemble of advanced string players directed toward performing the finest in classical and contemporary music.

**A3521 –Adv Percussion:** (A) 1.0 credit

**PREREQUISITE: PIANO AUDITION.** This course is offered to students who have completed Beginning Percussion. Students will focus primarily on mallet and snare techniques and other concert and orchestral percussion instruments. Each student is required to bring a practice pad and bell kit to class every day. Students will perform with the Symphonic Band and Concert Bands and as percussion ensembles throughout the school year.

**A3111 - Jazz Band:** (A) 1.0 credit EARLY MORNING CLASS.

A year long class, by audition only. Usually taught early morning. Student must be currently enrolled in another band class. This is an advanced instrumental ensemble directed toward learning and performing big band, jazz, swing and rock styles of music.

**A4211 - SSA Choir:** (A) 1.0 credit

By audition only. Class is for soprano and alto voices. Course involves singing and performances. The basic emphasis of voice and music will be taught, as well as communication skills.

**A4201 - Concert Choir:** (A) 1.0 credit

By audition only, selected by teacher. Excellence in all musical skills is stressed in the select choir. Performing at festivals and concerts will be emphasized. Year Class


**½ YEAR LANGUAGE ARTS– subject to change if class is not full**
**ENCR1 - Creative Writing:** (LAC,ALA, LA) .5 credit

Students will have the opportunity to write several types of writing, including personal experiences, mysteries, fantasies, essays, poems, children's stories, etc. They will also study the "seven traits of writing" in depth. They will use this skill to evaluate their own writing and the writing of others.

**ENFL0 – Film Literature:** (Elective Credit) .5 credit

Students explore the development of motion picture art form from the silent era to modern film. Essays, reports, and critical analysis of films are included.

**ENMY1 - Mythology:** (Elective Credit) .5 credit

Study of Greek, Roman, Scandinavian, and American folklore and mythology will help students learn to appreciate the impact they have on our literature.


**FULL YEAR FOREIGN LANGUAGES– subject to change if class is not full**
**LSP11 - Spanish 1:** (Elective Credit) 1.0 credit

This class stresses the four language skills of listening, speaking, reading and writing. Students practice the skills by means of dialogue, structure drills, reading selections and written exercises. Creative projects are incorporated.

**LSP21 - Spanish 2:** (Elective Credit) 1.0 credit

Spanish is used almost exclusively in the classroom with emphasis on reading and grammar review. Oral comprehension, oral practice and Spanish literature are stressed in the reading program which includes class readings and a novel. Emphasis will be placed on near - native pronunciation, speaking, listening and writing correct Spanish.

**LGR11 - German 1:** (Elective Credit) 1.0 credit

A year class. Students will be taught communicative skills, such as listening, speaking, reading, and writing, and grammar.

**LGR21 - German 2:** (Elective Credit) 1.0 credit

Second year German. A conversational approach is used with an express emphasis on communicative skills. Students will continue their skills development of listening, speaking, reading, writing, and grammar. Culture will also be emphasized.

**LFR11- French 1:** (Elective Credit) 1.0 credit

A year beginning class. Students will learn to read and write and speak in French. Emphasis will be placed on Vocabulary acquisition.

**LFR21- French 2:** (Elective Credit) 1.0 credit

Second Year of French. Students develop further communication skills and are able to satisfy most survival needs and limited social demands. They can initiate and sustain a short conversation on factual topics. They can give autobiographical information and discuss leisure time activities. Students are able

to present information and ideas to audiences. They can describe characteristics and behaviors of every day life in the target culture and they can identify the expressive forms of the culture, such as art, literature, music and dance.



**1/2 YEAR FINE ARTS ELECTIVE CLASSES – subject to change if class is not full**

**A6011 - Drama 1:** (A) .5 credit

This is an introductory study of drama. Areas covered will be stage presence, pantomime, voice and diction, introductory theater history, and other various forms of the performing arts. Semester Class (A)

**A6021 - Drama 2:** (A) .5 credit

An advanced study of theater history, advanced performance skills, Shakespearean acting, children's theater, resume and audition preparation, and performance in school productions. (A)

**ENDE11 – Debate :** (LAC, ALA, LA) .5 credit

This class is a study in basic speech and debate. Students will learn techniques of research, persuasion, organization, refutation, and group processes. Oral presentations are a significant part of the course. Content will include important issues facing the world, our nation, and ourselves. Semester Class (EE)

**A0030 – Art Foundations 3** (A) .5 credit

This class is designed to give advance students experience with professional grade art supplies and experimentation with media properties as well as creative image making. This class will give students understanding of the elements and principles of design, art history, criticism, diverse art media, and art making practices and to allow for the development of artistic, creative, and problem-solving talent

**1A2100 – 3D Art:** (A) .5 credit

This class involves 3 dimensional art and sculpture.

**A2210 – Ceramics 1 (A)** .5 credit

This course is for the High School Visual Arts Core Curriculum. Ceramics develops basic skills in the creation of 3D forms and pottery from clays. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skills, art criticism, art history, and aesthetics. *The prerequisite for his course is Foundations I or II*

**A2220 – Ceramics 2 (A)** .5 credit

More detailed instruction in throwing on the wheel. Study of clay bodies, glaze formulas, ceramics, sculpture, and pottery sculpture is extended.

**A2010 – 2D Art Photo:** This class teaches the basics of photography: cameras, lighting, black and white, color, film speed, etc.

**A2610 – Photography 1:** This class is an intermediate photography class.



**FULL YEAR FINE ARTS AUDITION CLASSES – subject to change if class is not full**

**AX311- Stage Crew** – (Elective Credit) 1.0

By teacher approval only. Stage crew members learn the mechanics of theater lighting, sound, set and prop construction, set painting, stage management, and technical design. Students must pass the district safety test and be certified to operate all saws located in the school Shop Department and be capable of lifting 50-75 lbs. Students will be involved in all phases of technical theater and may be required to come after school, evenings or early mornings for rehearsals and performances.



**1/2 YEAR FINE ARTS AUDITION CLASSES – subject to change if class is not full**

**A7201 - Musical Theater:** (A) .5 credit

Admission to class is by **audition only** with limited enrollment, and only taught 2nd semester. This class focuses on the history and performance of the musical theater. Course work includes the study of history, style, and necessary elements of musical theater. This class is performance based with the class preparing and presenting a well-known musical or review from rehearsal to finished production. Requires after school practices during theater production

**A1101 – Studio Art:** (A) .5 credit

Teacher selection/young masters. This class meets high school curriculum. It is an advanced art class designed to give students experience with professional grade art supplies and independent work. This is an audition class. The **audition process** is part of Art 8. Students taking this class will be expected to have a strong work ethic as well as be fluent in the visual language. There will be an emphasis in studio production which will be strongly supported by art history and criticism through the course.



**1/2 YEAR CTE CLASSES – subject to change if class is not full**

**C80110 – Intro Tech Ed:** (CTE) .5 credit

Introduction to Technology is a program open to eighth and ninth grade students. The students are allowed to choose five different activities from a list of forty-plus different areas. Career research, design, problem solving and creative thinking are emphasized. The activities include, in addition to others, the following: safety and orientation (required by all students), materials and processing, modeling technology, research and development, arc welding, electricity, invent-a-game, lathe turned pen, concrete casting, aerospace, computer video editing, architecture and home design, computer numerical control, computer scanning and image editing (Adobe Photoshop), computer music technology, criminology, drafting, computer aided drafting, electronics, earthquake engineering, photography, small gas engines, claymation, weather technology, commercial design (Adobe Illustrator), and digital Photos.

**C80120 – Interm Tech Ed:** (CTE) .5 credit

The students must have completed Tech 1 or receive teacher permission. Students are allowed to go more in depth into any of the activities available in the introductory program. In addition they are allowed to choose from the following activities not available in Tech 1: oxyacetylene welding, advanced safety, pewter casting, advanced metal projects, lather turning, Mig welding, advanced photography, and advanced material and processes.

**C76010 - Woodworking:** (CTE) .5 credit

In this program, the students learn the process of manufacturing through the design and construction of a cabinet. Students may select one of five standard designs, modify a design, or design their own. Another choice available to students is the entrepreneurship option. Students form a company of one or two individuals, then come up with an idea for a product. They will design, develop, manufacture, and market

their product.

**C34101 - Foods 1:** (CTE) .5 credit

This is an extension of principles taught in Nutrition with more of an emphasis on actual cooking.

**C33010 - Clothing 1:** (CTE) .5 credit

If you want to master the basics of sewing and make clothes to fit your personal taste, this is the class for you. This class is designed to give students an opportunity to expand upon the knowledge they learned in FACS Clothing Exploration. We will go into more detail in pressing equipment, seam finishes, textiles, and patterns. Project may include hoodies, quilts, bags, and other outdoor clothing. Embroidery computer technology and serger machine methods will be taught.

**C32010 – Child Development:** (CTE) .5 credit

This course provides students with an understanding of the aspects of human growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Learning activities, observation techniques, and lab experiences in working with young children may be included. Pre-requisite for High School Pre-school class.

**CS100 - Computer Tech:** (CT) .5 credit

State required class. (Prerequisite: Basic Keyboarding Skills—about 30 words per minute) Students will learn word processing, spreadsheet and presentation software (Microsoft Word, Excel and Power Point). Student will also learn about computing ethics, the Internet and its uses, and e-mail. The student will complete an Integrated Project which combines their computer skills with an assignment for another class. At the end of the course, students are given the opportunity to earn a certificate of competency from the State. **This class must be taken before graduation from high school. Students can test out of this class at MATC for a fee. If you test out, you will not receive classroom credit, but will fulfill the graduation requirement.**

**C83111 -Communication Tech:** (CTE) .5 credit

Students will learn to create, store, analyze, manipulate, record and transmit information through four major areas: 1) drafting and design; 2) electronic communications; 3) Audio and visual/multi-media communications; 4) graphic communications. Focus will be on developing the understanding and skill set to work with design and program languages. Students will explore the impacts of communication technology on our society; and they will explore related careers.

**C60710 -3D Graphics:** (CTE) .5 credit

An advanced Technology Education class which will emphasize digital audio/visual technology. This class utilizes and integrates several instructional areas and shows how they work together in order to produce and distribute a final product. Several technological area will be combined to take a project from concept to consumer, a real life simulation.

\*\*\* “CTE Courses do not discriminate based on race, color, national origin, gender, or disability



**PX000 – Aerobics:** (Elec) .5

This total body fitness class involves cardiovascular exercises as well as body toning exercises. Exercise

routines will be choreographed to music. Basic principles of fitness will be taught and applied in class. This class does not fill the Participation Skills & Techniques course required for graduation.

**P8400 – Weights:** (Elec ) .5

This class is designed for students to tone, shape, and strengthen. Class is individually oriented. This class does not fill the Participation Skills & Techniques course required for graduation.



**RELEASED TIME – WHOLE YEAR OR ½ YEAR**

**\*\*RELIGIOUS STUDY\*\***

**XX601 - Release Time:** non credit class

Students are released from school to attend religious instruction ( Seminary, Bible Study, etc.)

**XX501 – School to School:** non credit class

Students are released from school to attend a sports, core or elective class in another school.



**APPLICATION CLASSES – WHOLE YEAR**

**X5251 – Student Council:** (Elective credit) 1.0 credit

This class is a full year class leadership and student government class. Students are elected to attend this class.

**X6001 - Yearbook:** (Elective credit) 1.0 credit

This class is a full year class. Students will be involved in creating the school year book. Students should be self-motivated and willing to work extra hours to meet deadlines and due dates. They will develop and use skills in writing, editing, art, layout, design, photography and leadership.



**APPLICATION CLASSES – 1/2 YEAR**

**X5410 – Math lab:** (Elective Credit) .5 credit

Extra math help for students.

**X5400 – Study Hall:** (Elective Credit) .5 credit

Class for students who need extra help for core subjects.

**X4210 - Peer Tutor:** (Elective Credit) .5 credit

Students will be involved in peer tutoring students in special placement classes in math, English, reading, life skills, and other academic areas.

**X0121 - Teacher Aide:** (Elective Credit) .5 credit 3.0 GPA required

With teacher approval, you may sign up to be an aide for your favorite teacher's class. You must have a 3.0 and good citizenship. You will receive a Pass or Fail grade only. This can count as an Elective Class for high school graduation.

**Pg 9**

**X0111 - Office Aide:** (Elective Credit) .5 credit 3.5 GPA required

By approval only from Judy Clayton. You will receive a Pass or Fail grade only. This can count as an Elective Class for high school graduation.

**X010 - Media Aide:** (Elective Credit) .5 credit 3.5 GPA required

**Librarian approval necessary.** Students work in the library assisting the Librarians in a variety of duties. Computer skills are helpful.

**ALTERNATES:** All students will choose 2 Alternate classes. The Alternates must be ½ year classes. If there is not room in a class, the computer will put you into one of your alternate classes.

