

**GENERAL WILLIAM
MITCHELL HIGH SCHOOL
MARAUDERS**



**COURSE DESCRIPTION CATALOG
2024-2025**

Colorado Springs, CO 80909
(719) 328-6600

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Mission

We dare to empower the whole student to profoundly impact our world.

Vision

Our vision is to operate in a culture that builds, maintains, and restores trust as defined by sincerity, competence, reliability, and care; to offer a first-class school to our community that prepares all students for post-secondary readiness, college and career.

MITCHELL HIGH SCHOOL IS.....

- A popular site where community members gain skills through classes sponsored by District Eleven Community Education.
- A technology-training center for employment skills related to technology use in the workplace and technology skills related to promoting lifelong learning.
- One of the only high schools in the city with an Aviation and Construction program.
- A school that has a wide range of college AP and honors courses for students who wish to excel and post-secondary options.
- The Number 1 AFJROTC program in the state.

MITCHELL HIGH SCHOOL HAS PARTNERSHIPS WITH.....

- Fort Carson: Collaboration, support, training for the Student 2 Student program.
- Peterson Air Force Base: Career Fair and mentoring of students in the Honors Endorsement Program (HEP).
- NORTHCOM

You have made an excellent choice with Mitchell High School!!! The Mitchell staff is looking forward to assisting you with your plans for this school year as you begin preparations to fulfill your requirements toward graduation.

In addition to taking classes that fulfill graduation requirements, it is a requirement that every student create an ICAP account that will help build a foundation for the best future they can possibly achieve. The counselors are available to assist you in this process and are professionally trained to guide you in the direction necessary to meet future goals and aspirations.

Your counselor will work with you throughout your high school career. Counselors are responsible for making necessary adjustments to your schedule and personal counseling. If a student wants to make a schedule change, they are required to come in and schedule an appointment with his/her counselor. We encourage students to avoid missing academic instruction when scheduling appointments.

Please remember that you do not need to have a major problem to schedule a visit with your counselor. We look forward to working together toward the successful completion of your high school experience.

Again, welcome to Mitchell High School,

Counseling Department

Courses in *Italics* are recommended for 4-year college-bound students.

To discuss your student's course request, please call the Mitchell Counseling Center and leave a message with our Counseling Staff Assistant @ 328-6612

9th Grade

1st Semester

English
World History
Math
Science
Computer or PE
Elective/*Foreign Language*

2nd Semester

English
World History
Math
Science
Computer or PE
Elective/*Foreign Language*

10th Grade

1st Semester

English
US History
Math
Science
Health or PE
Elective/*Foreign Language*

2nd Semester

English
US History
Math
Science
Health or PE
Elective/*Foreign Language*

11th Grade

1st Semester

English
U.S Government
Science
Math
Elective/*Foreign Language*

2nd Semester

English
Elective
Science
Math
Elective/*Foreign Language*

12th Grade

1st Semester

English
Economics
Science
Math
Elective/*Foreign Language*

2nd Semester

English
Elective
Science
Math
Elective/*Foreign Language*

3+ Graduation Requirements

GRADUATION REQUIREMENTS (APPLIED TO 2021 GRADUATES)

Beginning with the 2017-2018 freshman class (scheduled to graduate in 2021), for a student to graduate from a Colorado Springs School District 11 (the District) high school, the following must be achieved:

A. Completion of an Individual Career and Academic Plan (ICAP).

Individual Career and Academic Plan (ICAP) - a multi-year process that intentionally guides students and families in the exploration of career, academic and postsecondary

Beginning with 9th grade in the fall of 2016 and continuing thereafter, all students will develop an ICAP. With the support of adults, students develop the awareness, knowledge, attitudes, and skills to create their own meaningful and powerful pathways to postsecondary and workforce readiness.

B. Successful demonstration of academic and career competencies aligned to the adopted Colorado Academic Standards by earning the minimum number of credits for graduation as defined in this regulation for students graduating in 2021, and thereafter.

The minimum number of credits for graduation from the District's high schools shall be 46. The subjects for which credits must be earned through grade 12 are outlined below.

Subject areas Credits	Semester Credits
English Language Arts Core required (English 1 through 8)	8
Social Studies (American History and Civil Government required; World History recommended)	6
Mathematics (2 semester credits of first year Algebra required)	6
Science (2 semester credits of Physical Science, 2 semester credits Biology, 2 credits any other designated science class required)	6
Physical Education	3
Health	1
Humanities (English, music, fine arts and/or world language)	2
Economics	1
Postsecondary Workforce Readiness (this includes, but is not limited to, automotive, business education, computer science, industrial arts/vocational education, consumer and family studies, Career and Technical Education (CTE), Concurrent Enrollment (CE), Advancement Via Individual Determination (AVID), Junior Reserve Officer Training Corps (JROTC), and Career Pathways)	1
Required subjects	35
Electives	11
Minimum total for graduation	46

Early graduation may be permitted when a student has completed all course requirements for graduation and has completed the appropriate application. Applications are available in the Counseling Center.

The Colorado Commission on Higher Education (CCHE) revised the Admission Standards Policy to include the addition of a pre-collegiate course completion requirement.

The updated admission requirements identify a combination of courses, primarily in the areas of English, mathematics, natural and physical sciences, and social sciences that students should plan to complete as preparation for entering one of Colorado's four-year public colleges or universities. However, the completion of these requirements **does not guarantee admission to any of Colorado's four-year public colleges or universities.**

Community colleges will continue to be **open admissions**; students enrolling in these institutions are not subject to admission standards.

CCHE = D-11

English	4 units	8 credits
Mathematics (Algebra 1/2 level and higher)	4 units	8 credits
Natural/Physical Sciences (2 units must be lab based)	3 units	6 credits
Social Sciences (at least one unit of U.S. and World History)	3 units	6 credits
Foreign Language (must be same language)	2 units	4 credits
Academic Electives	2 units	4 credits
TOTAL	18 units*	36 credits

***Each unit represents one year.**

College Credits while in High School

Colorado Springs School District 11 students may obtain college credits through the following programs:

Advanced Placement Courses are designed for students that are ready for college level academic work. This program is operated by a national organization, the College Board, which defines course curriculum, provides teacher training, and administers a national standardized examination for each course. Most colleges award college credit to students who earn at least a rating of “3” out of a possible “5” on the examination while others require a score of “4”. Some colleges require successful completion of Advanced Placement courses for admission to the college and do not award credits toward the college degree. Parents and students are advised to check with colleges for additional details. For more information, please consult with your high school counselor.

Dual Credit Courses may be completed at the high school where the student is enrolled or at a post-secondary institution, are courses for which the student has been granted permission to earn both Carnegie units (high school) and college credit. Students must have prior permission to enroll for dual credit and meet the requirements specified by the college. Students are responsible for verifying any college’s acceptance of credits earned as dual credit. Enrollment in a dual credit course does not guarantee college acceptance. Please contact your school counselor for information regarding available dual credit options.

Concurrent Enrollment allows students to access supplemental tuition funds to study at the postsecondary level while still in high school. Through this program, students may earn both high school and college credit. Students who would not typically access college without an “advance” start, students with significant academic needs and students who have exhausted district curriculum may be interested in the Colorado Springs School District 11 Enrollment Program (CE). An up to date Individual Career and Academic Plan (ICAP) is required. Books and other college course fees shall be at the expense of the student or his/her parents or legal guardians. For more information, please consult with your high school counselor. (**see concurrent courses offered at Mitchell HS below**)

The Area Vocational Program (AVP) provides occupational skill development and training for juniors and seniors. District 11 pays all costs for the year long program. Students completing AVP earn credit which can be applied toward high school graduation. Under certain circumstances, and at the instructor’s discretion, college credit may also be earned which may be applied to a post-secondary certificate or degree. AVP strives to prepare students for the world of work by teaching the related academics and workplace basics that are essential for employment. Programs offered through AVP are: Auto Collision Repair, Computer Aided Drafting, Computer Information Systems, Criminal Justice, Diesel Power Tech., Early Childhood Education, Fire Science Technology, Health Career Exploration, Health Science Tech., Multimedia Graphic Design, Radio and Television, Sign Language Interpreter Prep., Welding, and Zoo Keeping. Additional information regarding this opportunity is available at <http://www.ppcc.edu/high-school-students/>

Articulation Credit is a way for high school students to earn college credit as they build career and technical education skills. A high school student can receive PPCC credit if they earn an A or B in their high school articulated course(s). Articulated credit and coursework will be recorded on an official Pikes Peak Community College transcript. These credits vary from high school to high school. Please contact your school counselor for information regarding articulation credits available at your location. Additional information regarding this opportunity is available at <http://www.ppcc.edu/high-school-students/>

Concurrent Enrollment Courses at Mitchell 24-25 School Year

College	Department	Courses
CSU-Pueblo	English	ENG114 Creative Writing: AH1
CSU-Pueblo	English	ENG130 Intro to Literature: AH2
CSU-Pueblo	Science	BIOL100/100L Prin of Bio and Lab
CSU-Pueblo	Science	BIO121/121L Environmental Conservation and Lab
CSU-Pueblo	Soc. St.	HIST111 World History Since 1500: HI1
CSU-Pueblo	Soc. St.	PHIL201: Classics in Ethics
CSU-Pueblo	Soc. St.	HIST202 U.S. History II: HI1
CSU-Pueblo	Soc. St.	ECON202 Principles of Microeconomics
CSU-Pueblo	Soc. St.	ECON201 Principles of Macroeconomics
Pikes Peak	Math	MAT1420 College Trig
Pikes Peak	Math	MAT1340 College Algebra
Pikes Peak	Math	MAT1260 Intro to Statistics
Western Colorado University	English	ENG 102 Writing & Rhetoric I
Western Colorado University	English	ENG 103 Writing & Rhetoric II
Western Colorado University	Soc. St.	POLS 180 Intro to Pol Sci: SS1
Western Colorado University	Soc. St.	WCU PSY 100 General Psych: SS3

The interscholastic athletic program at Mitchell covers a variety of sports throughout the school year. All students who have an interest in athletics are encouraged to participate in the sport(s) of their choice. The program is designed to improve the student's self-confidence, physical abilities, self-discipline, responsibility, and sportsmanship. Among the chief benefits of the physical education and athletic programs are the development of a physically fit body and the development of interests in and skill for continued leisure-time activities. In addition, research shows that students who participate in sports programs tend to have higher grade point averages, better attendance records, lower dropout rates and fewer discipline problems than other students. Mitchell is a member of the Colorado Springs North Metropolitan League. Athletic letters are awarded to deserving varsity participants. The following is a listing of the interscholastic sports offered at Mitchell High School.

Mitchell Sports

Fall Sports

- Cheer
- Cross Country – Boys
- Cross Country – Girls
- Football – Boys
- Golf – Boys
- Soccer - Boys
- Softball - Girls
- Spirit/Dance
- *Tennis - Boys
- Volleyball - Girls

Winter Sports

- Basketball – Boys
- Basketball – Girls
- Cheer
- * Hockey
- Spirit/Dance
- *Swimming – Girls
- Wrestling – Coed
- * Sports are available through the district

Spring Sports

- Baseball – Boys
- Cheer
- * Lacrosse - Boys
- * Lacrosse - Girls
- Golf - Girls
- Soccer – Girls
- Spirit/Dance
- *Swimming – Boys
- Tennis – Girls
- Track & Field – Boys
- Track & Field – Girls

All athletes are required by CHSAA (Colorado High Schools Activities Association) to be enrolled in a minimum of five classes, five total credits per semester, and not failing more than one class. To be eligible, a student must not have failed more than one class the previous semester.

Sports Fees: Athletic fees for all sports levels are listed below:

Regular \$82.00 sport fee Reduced lunch: \$55.00 sport fee Free lunch: \$27.00 sport fee

Each family has a sports-fee cap of \$250. Athletes will be expected to pay the full fee unless they submit a copy of the approval letter for the National School Lunch Program to the high school business office. Receipt of the letter qualifies students for the reduced or free lunch fee for athletics and other areas.

NCAA Clearinghouse: All NCAA approved Colorado Springs School District 11 courses are available online at www.ncaaclearinghouse.net. Student athletes wanting to register with NCAA Eligibility Center should first contact their Mitchell High School counselor and registrar.

Mitchell Clubs

- | | | |
|---------------|---|--------------------------------|
| Thespian Club | Fellowship of Christian Students | Physical Training Team (JROTC) |
| Art Club | Gift and Talented | Cyber Patriot Team (JROTC) |
| Chess Club | Health Occupation Students of American (HOSA) | Drill Team Red (JROTC) |
| Lego Club | Marksmanship (JROTC) | Skills USA |
| Gaming Club | Photography Club | Color Guard |
| Science Club | Students Working Against Tobacco (SWAT) | National Honor Society |
| GSA Club | Student Council | Special Olympics |
| Link Club | Yearbook | Spanish Club |
| | | Gear UP |

Students may initiate the formation of other clubs or organizations as described by school policy

The mission of JROTC is to develop citizens of character dedicated to serving their nation and community. This course will educate and train students in citizenship, promote community service, instill responsibility, character, self-discipline, and leadership qualities. Mitchell High School is one of nine schools in Colorado to provide an Air Force JROTC program. The program is available to students in grades 9-12. Academic course credit will apply towards graduation requirements.

The Air Force JROTC curriculum focuses on three areas, Aerospace Science, Leadership Education, and Wellness. Aerospace Science introduces cadets to the history of aviation, principles of aircraft flight and navigation, space environment and programs, and cultural and global awareness. The Leadership Education curriculum emphasizes discipline, responsibility, leadership, followership, citizenship, customs and courtesies, cadet corps activities, time management, communications skills, and drill and ceremony. Leadership development includes wearing the uniform, engaging in Air Force customs and courtesies, participating in drill and ceremonies, giving and receiving instructions, and acting as leaders and members of an organization. The Wellness program motivates cadets to lead healthy active lifestyles beyond program requirements and into their adult lives. The co-curricular activities associated with the JROTC program include Honor Guard (color guard, drill, and saber teams), Cyber Patriot team, and Physical Training team, Model Aircraft club, and Kitty Hawk Air Society. Field trips to local bases, colleges, and industries are part of the curriculum in action program that support and serve as an extension of the Air Force JROTC curriculum. Other activities cadets enjoy are the end-of-year military ball and awards ceremony.

The course is not a recruiting program for the military, nor is it a military boot camp. It is a blend of science, social science, physical education, training in drill and ceremonies, and leadership development. Students do not incur any service obligation by participating in the Air Force Junior ROTC program. Students who complete three or four years of Air Force JROTC and receive a “Certificate of Completion” may be qualified for increased consideration in the annual nation-wide competition for senior ROTC scholarships and service academy appointments.

Cadets will be awarded a certificate of completion for successfully completing two, three, or four years of Air Force JROTC. Based on current DOD Instructions and military services’ policies and procedures, cadets may be eligible for advance enlistment upon successfully completing two, three, or four years of JROTC. Additionally, cadets completing at least two years of JROTC may be entitled to credit in the Senior ROTC program based on current Air Force Instructions.

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Course Number: US.AFROTC1, US.AFROTC2

Course Name: Air Force JROTC 1, 2

Prerequisite: None

Course Description: This course provides an historical perspective from 1775 through the Persian Gulf War. The emphasis is on the role of the military in history. Leadership skills are a key component in this course.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1 (Physical Education, Social Studies Elective, or Elective)

Course Number: US.AFROTC3, US.AFROTC4

Course Name: Air Force JROTC 3, 4

Prerequisite: FRONTIERS IN AVIATION HISTORY/LEADERSHIP I

Course Description: This course provides background in atmospheric science, aerospace physiology, aerodynamics, and navigation. Leadership skills include listening, nonverbal communication, public speaking, and group/individual behavior.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1 (Physical Education, Science Elective, or Elective)

Course Number: US.AFROTC5, US.AFROTC6

Course Name: Air Force JROTC 5, 6

Prerequisite: FRONTIERS IN AVIATION HISTORY/LEADERSHIP I

Course Description: This course focuses on astronomy, space environment, United States and Soviet space exploration efforts, space technology, introduction to orbital mechanics, and aerospace law. Leadership skills include supervision, fundamentals of management and citizenship.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1 (Physical Education, Science Elective, or Elective)

Course Number: US.AFROTC7, US.AFROTC8

Course Name: AFJ ROTC 7, 8 Mgmt of Cadet Corps

Prerequisite: ROTC 1 and 2, 3 and 4, and 5 and 6

Course Description: Management of the Cadet Corps is a course that provides 4th year cadets the opportunity to gain hand-on experience in managing the entire Cadet Corps. Cadets apply concepts learned in previous courses in planning, organizing, coordinating, directing and controlling cadet activities. Cadets practice their communication, decision-making, personal-interaction, managerial, and organizational skills. Leadership Education IV focuses on the principles of management. Specifically, the cadets will understand the fundamentals of management, know the concepts and skills of problem solving, decision making and negotiating, and comprehend the importance of managing oneself and others. Cadets will demonstrate their class knowledge in managing the Cadet Corps day-to-day activities.

Grade Level: 12-12 grade(s)

Credit Per Semester: 1.0 (Elective)

OBJ

Course Number: AR.JEWEL1

Course Name: Jewelry 1

Prerequisite: None

Course Description: Jewelry 1 involves design and creation of ornaments, using various metals in sheet forms and other materials such as wood, plastic, bone, and clay. Class activities will include the designing of a piece of jewelry and learning the use of jewelry tools and equipment to complete basic processes of sawing, piercing, filing, soldering, annealing, forming, cleaning and polishing metal. Emphasis will be on sound creative design and fine craftsmanship. Art history will be incorporated through films, slides and other instructional media. **Course Length:** 2 semesters

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: AR.JEWEL2

Course Name: Jewelry 2

Prerequisite: Jewelry 1

Course Description: Jewelry 2 builds upon the basic techniques learned in Jewelry 1. Students will learn the process of lost wax casting and will experiment with drop casting and surface decorations on sheet metal forms and/or on wax surfaces to be cast. Art history will be incorporated through films, slides, and various instructional media.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: AR.MGDDRI, AR.MGDDRI2

Course Name: Drawing for Illustrators 1, Drawing for Illustrators 2

Prerequisites: None

Grade Level(s): 9-12

Credit Per Semester: 1.0 (Humanities or Elective)

Course Description: Covers fundamental skills and theories of drawing and rendering line structure, form, value, texture, and composition. Application of drawing skills with various media for line quality as well as value and texture interpretations are also covered.

Course Number: AR.MGDEC11, AR.MGDEC12

Course Name: Design & Color 1, Design & Color 2

Course Description: Understanding Principle of Design and Elements of Art. Mixing the color wheel, tints, tones, shades and graying hues with complements. Understanding the differences between hue, value and intensity. Being able to see value separate from hue. Understanding the way color interacts with other colors and its relative nature. Expanding in creative design and composition work begun in Illustrator 1, 2. Integrating color theory learned in this class to your design work. Developing a color theory vocabulary and an understanding of how color and light work. Master good craftsmanship and prove you understand the tools and media used. Classroom critiques will be part of the grade.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: EN.DRAMA1, EN.DRAMA2

Course Name: Drama Workshop 1, 2

Prerequisite: None

Course Description: This course introduces the fundamental skills of beginning acting. Units will include stage movement, voice improvement, pantomime, and characterization. Emphasis during Drama 2 will be upon the continued development of the techniques of acting through memorized performances.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: EN.DRAMA3, EN.DRAMA4

Course Name: Drama Workshop 3, 4

Prerequisite: Drama Workshop 1, 2 or permission of instructor

Course Description: Course emphasis will be on organizational aspects for the production of a play. Script preparation, casting, rehearsal, and promotion are major course areas. Students will select one aspect of theatre history as a subject for a course project. Each student will be required to fulfill a production responsibility with a major school production.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: EN.DRAMA5, EN.DRAMA6

Course Name: Drama Workshop 5, 6

Prerequisite: Drama Workshop 1, 2 or permission of instructor

Course Description: Course emphasis will be on organizational aspects for the production of a play. Script preparation, casting, rehearsal, and promotion are major course areas. Students will select one aspect of theatre history as a subject for a course project. Each student will be required to fulfill a production responsibility with a major school production.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: EN.STAGE1, EN.STAGE2

Course Name: Stagecraft 1, 2

Prerequisite: None

Course Description: This is primarily a hands-on lab course in backstage work. Students will learn basic stage tools and facilities. They will be involved in maintaining the stage and working on theatre productions. Areas covered will be scenery construction, lighting, make-up, costuming, rigging, and general stage operation.

Grade Level: 9-12 grade(s)

Credit Per Semester: One (1) Humanities, Practical Arts, Elective or Postsecondary Workforce Readiness (2021+)

Course Number: EN.TECTHR1

Course Name: Technical Theater 1

Prerequisite: Drama 3, 4 and Stagecraft

Course Description: This course is open to students who wish to understand the technical aspects of the theater. They will be assigned technical duties for the main stage production of that semester. Students will learn lighting, sound, set construction, props, scene painting, publicity, costumes and make up in this hands-on course.

Grade Level: 10-12 grade(s)

Credit Per Semester: 1.0 (Practical Arts or Elective)

Course Number: MU.CHMSGR1, MU.CHMSGR2

Course Name: Chamber Singer 1, 2

Prerequisite: A Level III high school vocal music class or teacher approval.

Course Description: This is a Level IV high school vocal music class. Students must audition to be enrolled in this class. Membership for this highly select choir is made up of students with previous choir experience. The scope of music involves Renaissance madrigals to contemporary choral literature. This ensemble may participate in the District Eleven Honor Choir. Knowledge of and ability to perform music at level IV or beyond. Fluent use of expressive elements in a performance. Ability to fluently read and write complex musical notation appropriate to level IV. Ability to compare and contrast different musical structures. Ability to make adjustments to produce a high quality performance.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Number: MU.CONCB1, MU.CONCB2

Course Name: Concert Band 1, 2

Prerequisite: A Level I band class or teacher approval.

Course Description: This is a Level II high school instrumental music class. Some playing experience is necessary to enroll in this class. This band is a training group to prepare students with skills necessary to participate in a Level III instrumental music class. Literature is geared to the member's abilities with emphasis being placed on improvement of tone quality, reading skills and technical proficiency. Attendance at scheduled performances is required and is considered part of the student's grade. Ability to perform on an instrument at Level II or beyond. Ability to read Level II musical notation. Ability to write basic musical notation. Ability to identify and understand musical structure.

Grade Level: 9-12 grade(s)

Credit Per Semester: One (1) – (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Number: MU.CONCST1, MU.CONCST2

Course Name: Concert Strings 1, 2

Prerequisite: A Level I string class or teacher approval.

Course Description: This is a Level II high school instrumental music class. This class requires some playing experience. This is a training group to prepare students with skills necessary to participate in a Level III high school music class. Literature is geared to the member's abilities with emphasis being placed on improvement of tone quality, reading skills and technical proficiency. Attendance at scheduled performances is required and is considered part of the student's grade. Ability to perform on an instrument at Level II or beyond. Ability to read Level II musical notation. Ability to write basic musical notation. Ability to identify and understand musical structure.

Grade Level: 9-12 grade(s)

Credit Per Semester: One (1) – (Humanities or Elective) Honors credit available to students who complete additional teacher requirements

Course Number: MU.BGINST1, MU.BGINST2

Course Name: Beginning Instrument 1, 2

Prerequisites: None

Course Length: 1 Semester

Grade Level(s): 9-12

Credit Per Semester: One (1) (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Description: This is a Level I high school instrumental music class. Students need little to no playing experience to enroll in this class. This class is designed to teach beginning instrumentalists on wind, brass, percussion, and string instruments. Also, advanced students desiring to learn second instruments may enroll. Students in this class will learn basic musicianship in preparation for participation in band or orchestra. Only standard band or orchestral instruments are offered. The pace of study will be rapid to benefit the dedicated student. A limited number of instruments may be available. Therefore, in most cases the student must provide his/her instrument as well as a method book. Basic knowledge of and ability to play an instrument. Basic knowledge of how to perform on an instrument. Basic knowledge of and ability to perform with others. Ability to read Level I musical notation.

Course Number: MU.JAZZEN1, MU.JAZZEN2

Course Name: Jazz Ensemble 1, 2

Prerequisite: A Level I band class or teacher approval.

Course Description: This is a Level II high school instrumental music class. Some playing experience is necessary to enroll in this class. Only those students who demonstrate a thorough knowledge and understanding of their instruments will be considered for inclusion in this group. Basic instrumentation includes saxophone, trumpet, trombone, piano, bass, guitar, and trap set. Jazz ensemble performs at jazz festivals, assemblies, concerts, and community events. This band provides an opportunity for the student to study and perform music in the jazz idiom. Attendance at scheduled performances is required and is considered part of the student's grade. Ability to perform on an instrument at Level II or beyond. Ability to read Level II musical notation. Ability to write basic musical notation. Ability to identify and understand musical structure.

Grade Level: 9-12 grade(s)

Credit Per Semester: One (1) – (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Number: MU.MARCH

Course Name: Marching Band

Prerequisite: None

Course Description: Instructor's approval Marching band performs at half-time for home football games. The director may choose to participate in college-sponsored band days, regional contest/state contest as approved by the CHSAA. Due to performance requirements at the beginning of the school year, rehearsals of sections or the entire band could begin one month prior to the opening of school. Students are expected to attend extra rehearsals for individual and small-group help as needed during the school year. Members of the auxiliary groups; i.e., color guard, are responsible for all requirements of marching band. Attendance at scheduled performances is required and is considered part of the student's grade. (12/94)

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: MU.PER1, MU.PER2

Course Name: Percussion 1, 2

Prerequisites: One year of band

Grade Level(s): 9-12

Credit Per Semester: One (1) (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Description: This course is designed for those students who have selected percussion as their instrument of choice. The students in this class will make up the marching band drum line. DRUM SET INSTRUCTION WILL BE VERY LIMITED.

Course Number: MU.REPCH1, MU.REPCH2

Course Name: Repertory Choir 1, 2

Prerequisite: A Level I vocal music class or teacher approval.

Course Description: This is a Level II high school vocal music class. Some vocal experience is necessary to enroll in this class. This ensemble will experience singing a wide variety of choral literature and styles and participate in major concerts. Ability to perform vocally at Level II or beyond. Ability to read Level II musical notation. Ability to write basic musical notation. Ability to identify and understand musical structure.

Grade Level: 9-12 grade(s)

Credit Per Semester: One (1) – (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Number: MU.SYMPHB1, MU.SYMPHB2

Course Name: Symphonic Band 1, 2

Prerequisites: Level II high school instrumental music class or instructors' approval.

Grade Level(s): 9-12

Credit Per Semester: One (1) (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Description: This is a Level III high school instrumental music class. Students must audition to be enrolled in this class. This band is designed to help prepare students with skills necessary to participate in a Level IV high school instrumental music class. Literature is geared to the members' abilities with emphasis being placed on improvement of tone quality, reading skills and technical proficiency. This band may participate at music festivals and contests at the discretion of the director. This band performs for school and community events throughout the school year. Attendance at scheduled performances is required and is considered part of the student's grade.

Course Number: MU.SYMSTR1, MU.SYMSTR2

Course Name: Symphonic Strings 1, 2

Prerequisites: Level II high school instrumental music class or instructors' approval.

Grade Level(s): 9-12

Credit Per Semester: One (1) (Humanities or Elective) Honors credit available to students who complete additional teacher requirements.

Course Description: This is a Level III high school instrumental music class. Students must audition to be enrolled in this class. Symphonic Strings is a class in which various styles of music are studied and performed. Emphasis is placed on the improvement of ensemble playing. This orchestra performs at school concerts and community events. Wind and percussion players may be added when needed. Attendance at scheduled performances is required and is considered part of the student's grade. Knowledge of and ability to perform music at level III or beyond. Ability to use expressive elements in a performance. Ability to read complex musical notation appropriate to level III. Ability to write more complex musical notation. Ability to identify and understand the differences in musical structure. Ability to identify and understand the characteristics of a quality performance.

CTE (Career and Technical Education)

Course Number: IT.AVIAT1, IT.AVIAT2

Course Name: Aviation Science 1, 2

Prerequisites: None

Grade Level(s): 9-12

Credit Per Semester: One (1) Practical Arts or Postsecondary Workforce Readiness (2021+)

Course Description: Course covers a detailed study of aircraft weight and balance, including the actual weight of an aircraft. Basic physics concepts including motion, fluid dynamics, heat, sound, and aerodynamics are covered. Class also incorporates ground operations and servicing with several different lab projects. This course develops skills needed in basic mathematics and algebra to calculate aircraft weight and balance as well as other calculations needed to perform aircraft maintenance. Proper use of a calculator is stressed. Upon successful completion of this course, students will be able to

perform basic ground operations and servicing of aircraft, weigh aircraft and perform all calculations, be able to explain physics concepts as related to aircraft, and apply mathematical concepts to various requirements.

Course Number: IT.AVIAT3, IT.AVIAT4

Course Name: Aviation Science 3, 4

Prerequisites: Aviation 1, 2

Grade Level(s): 9-12

Credit Per Semester: One (1) Practical Arts or Postsecondary Workforce Readiness (2021+)

Course Description: A study of the laws and theory of electricity and its applications to aircraft systems, components, and circuits are covered in this class. Magnetism, batteries, DC circuits, AC circuits, and multimeters including circuit troubleshooting are explained and applied in detail. Several different lab projects aid in understanding concepts. Also included in this course is the study of electrical schematics and their application to aircraft. Upon successful completion of this course, students should have a sound foundation of electrical theory and its applications to aircraft systems and components, as well as know how to read and apply basic electrical schematics to aircraft.

Course Number: IT.AVIAT5, IT.AVIAT6

Course Name: Aviation Maintenance Prac 1, 2

Prerequisites: Aviation 3, 4

Grade Level(s): 10-12

Credit Per Semester: One (1) Practical Arts or Postsecondary Workforce Readiness (2021+)

Course Description: This course covers seven different topics, including cleaning and corrosion control, a detailed study of aviation materials and processes, maintenance publications, maintenance forms and records, fluid lines and fittings, aircraft drawings, and mechanic privileges and limitations. Lab projects for all seven topics enhance classroom lecture. Also included in this course is the first of a four-part introduction to human factors in aviation. Upon successful completion of this course, students will be able to complete aircraft forms and records, identify hardware, construct an aircraft tube and hose, read and make basic aircraft drawings, know how to use maintenance publications, what to look for when inspecting an aircraft for corrosion, and be aware of mechanic privileges and limitations.

Course Number: IT.UAS1A, IT.UAS1B

Course Name: Drone Flight and Licensing 1, 2

Prerequisite: Aviation Science 1,2 and 10-12th grade

Course Description: Develop knowledge and understanding of FAA regulations, airspace, map orienteering, physics of flight, flight safety and basics, basic flight maneuvers both GPS assisted and non-GPS assisted, advanced UAS maneuvers, basic UAS construction, wiring, and programming. Earn certification in DJI Phantom series and Inspire series and complete preparation for commercial licensing through the FAA Part 107 UAS commercial licensing regulations.

Grade Level: 10-12 grade(s)

Credit Per Semester: One (1) Practical Arts or Postsecondary Workforce Readiness (2012+)

Course Number: BU.MOS1, BU.MOS2

Course Name: Microsoft Office Specialist 1, 2

Prerequisites: None

Grade Level(s): 9-12

Credit Per Semester: One (1) Computer, Practical Arts, or Postsecondary Workforce Readiness (2021+)+)

Course Description: This course provides students technical, problem-solving, and administrative occupations. Knowledge and skills to realistic current and relevant technology. Microsoft Office products.

Course Number: CE.CYBSEC1, CE.CYBSEC2

Course Name: Cyber Security 1, 2

Prerequisites: None

Grade Level(s): 9-12

Credit Per Semester: One (1) Computer, Practical Arts, or Postsecondary Workforce Readiness (2021+)+)

Course Description: Cyber Security 1 introduces the basic concepts and terminology of cyber security and information assurance. The course examines how the concept of security integrates into the importance of user involvement, security

training, ethics, trust, and best practices management. The fundamental skills cover internal and external threats to network security and design.

Course Number: IT.ROBOT1, IT.ROBOT2

Course Name: Robotics Programming 1, 2

Prerequisites: None

Grade Level(s): 9-12

Credit Per Semester:

Course Description:

Course Number: IT.ROBOT3, IT.ROBOT4

Course Name: Robotics Programming 3, 4

Prerequisites: Robotics Programming 1, 2

Grade Level(s): 9-12

Credit Per Semester:

Course Description:

Course Number: VE.ACECD1, VE.ACECD2

Course Name: ACE Career Dev 1, 2

Prerequisites: None

Grade Level(s): 10-12

Credit Per Semester:

Course Description: As developmentally appropriate, this course (or series of courses) is designed to teach skills needed for entry into the workforce. Students will demonstrate successful job search strategies. Students will demonstrate employability skill ability to accurately complete job applications, write a resume ask for letters of recommendation. Students will examine model interviews and then participate in their own interview simulations. Students will be able to advocate for accommodations or adaptations necessary to be successful on the job. Students will be knowledgeable of the environmental expectations of the workplace. Additionally, students will be introduced to personal financial literacy skills including: financial planning, budgeting, saving, credit, paycheck calculation, and taxes. Students practice appropriate communication, teamwork, problem-solving while working in a group environment. Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.

Course Number: VE.ACEFL1

Course Name: ACE Financial Literacy 1

Prerequisites: None

Grade Level(s):

Credit Per Semester:

Course Description: This course focuses on personal financial literacy. As developmentally appropriate, this course (or series of courses) is designed for students to learn and practice financial literacy, decision-making, and management skills for their personal and professional lives. Students will create and modify budgets according to new circumstances. Students will be practicing basic banking activities such as check writing, debit card use, deposits and keeping track of a spending register and explore online banking and banking apps and compare and contrast several types of financial institutions. Students will examine the benefit and detriment of managing credit. Students will apply practical application of fiscal management topics such as renting vs owning, mortgage calculators, new car vs used car purchase, how to get a car loan, financial calculator use, understanding payroll deductions and benefits, income tax and filing taxes, and comparing and contrasting insurance possibilities. Students will demonstrate knowledge of FAFSA, loans, grants scholarships and other Postsecondary financial supports. They will examine the many ways to invest money and participate in simulations involving investing. Whenever possible, computer literacy skills and leadership skills tied to a CTSO should be embedded into the curriculum.

ENGLISH

Course Number: EN.ENG1, EN.ENG2

Course Name: English 1, 2

Prerequisites: None

Grade Level(s): 9

Credit Per Semester: One (1) English

Course Description: English 1-2 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the English 1-2 classroom, where students engage in close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on constructing complex sentences as the foundation for writing to facilitate complex thinking and communicate ideas clearly.

Course Number: EN.ENG1H, EN.ENG2H

Course Name: English 1, 2 Honors

Prerequisites: None

Grade Level(s): 9

Credit Per Semester: One (1) English

Course Description: This accelerated course focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the classroom, where students engage in close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on constructing complex sentences as the foundation for writing to facilitate complex thinking and communicate ideas clearly. This course is for motivated learners who want to challenge themselves in this honors- level course by going deeper with the material taught.

Course Number: EN.ENG3, EN. ENG4

Course Name: English 3, 4

Prerequisite: Recommended English 1-2 with teacher recommendation 1, 2 or English 1, 2 Honors or Pre-IB English 1, 2 Honors

Course Description: English 3/4 prepares students to engage in an increasingly complex array of classic and contemporary literature and informational texts. Students expand the skills and knowledge of English 1/2 to become critical readers and writers by analyzing key ideas and details, craft, and structure. Students develop their writing skills by examining text types and purposes and writing more sophisticated arguments, explanatory/informational texts, and narratives. Students use technology to produce and distribute quality writing. Students conduct research, participate in a range of collaborative discussions, and integrate multiple sources of information. This course advances students' knowledge of the conventions of Standard English, strengthens vocabulary acquisition and use, and prepares students for real life communications.

Grade Level: 10-12 grade(s)

Credit Per Semester: One (1) English

Course Number: EN.ENG3H, EN. ENG4H

Course Name: English 3/4 Honors

Prerequisite: English 1/2 and invitation or recommendation of ninth-grade teacher and counselor

Course Description: English Honors 3/4 is the second course of a four-year program for highly motivated, capable students. It prepares students to engage in an increasingly complex array of classic and contemporary literature and informational texts. Students expand the skills and knowledge of English 1/2 to become critical readers and writers by analyzing key ideas and details, craft, and structure. At this level, reading selections of literature and literary nonfiction will be at the high end of the grades 10-11 text complexity band. Students develop their writing skills by examining text types and purposes and writing more sophisticated arguments, explanatory/informational texts, and narratives. Students use

technology to produce and distribute quality writing. Students conduct research, participate in a range of collaborative discussions, and integrate multiple sources of information. This course advances students' knowledge of the conventions of Standard English, strengthens vocabulary acquisition and use, and prepares students for real life communications.

Grade Level: 10th grade

Credit Per Semester: 1.0 (English)

Course Number: EN.ENG5, EN.ENG6

Course Name: English 5, 6

Prerequisite: English 1, 2, 3, 4 and invitation or recommendation of ninth-grade teacher and counselor.

Course Description: English 5/6 prepares students to engage in an array of classic and contemporary works in text, video, audio, and other multimedia formats. Students develop skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft, and structure. This course integrates literature and informational text. Students explore literary criticism with a focus on American literature. Students develop their writing skills by examining various text types, purposes, and rhetorical structures and by crafting arguments, explanatory/informational texts, and narratives. Students use technology to produce, publish, and share quality writing. Students conduct research projects, participate in a range of collaborative discussions, integrate multiple sources of information, and develop style and voice. This course advances students' knowledge of the conventions of Standard English, strengthens vocabulary acquisition and use, and prepares students for real life communications.

Grade Level: 11-12 grade(s)

Credit Per Semester: One (1) English

Course Number: EN.ENG7, EN.ENG8

Course Name: English 7, 8

Prerequisite: Recommended English 1-6

Course Description: English 7/8 prepares students to engage in an array of classic and contemporary works in text, video, audio, and other multimedia formats. Students develop skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft, and structure. This course integrates literature and informational text focusing on exploration of issues relevant to students' lives as adults and productive citizens. Students examine text types and purposes by reading and writing arguments, explanatory/informational texts, and narratives. Students use technology to produce, publish, and share quality writing products. Students conduct a research-based capstone project. They also participate in a range of collaborative discussions integrating multiple sources of information. Students apply knowledge of the conventions of Standard English and strengthen vocabulary acquisition and use. These skills prepare students for real life communications in college and in 21st century careers.

Grade Level: 12-12 grade(s)

Credit Per Semester: One (1) English

Course Number: EN.MYTH

Course Name: Mythology

Prerequisite: Credit equivalent

Course Description: This course surveys world mythology, including Egyptian, Greek, Roman, Norse, and American. A variety of selections including classical literature will be read. Emphasis will be on the origin and influence of mythology on our culture.

Grade Level: 11-12 grade(s)

Credit Per Semester: One (1) Elective or Humanities Credit per semester

English as a Second Language (ESL)

Course Number: EN_ESLNEW1, EN_ESLNEW2

Course Name: ESL Newcomer 1, 2

Prerequisite: None

Course Description: This course is designed to give students individualized support and instruction with beginning literacy and reading skills. Students will begin to develop their English proficiency skills in Reading, Writing, Listening and Speaking and vocabulary.

Grade Level: 9-12 grade(s)
Credit Per Semester: 1.0 Elective

Course Number: EN.ESLRDG1, EN.ESLRDG2

Course Name: ESL Reading 1, 2

Prerequisites: None for one semester

Grade Level(s): 9-12

Credit Per Semester: 1.0 (Humanities or Elective)

Course Description: This course is designed to give students individualized help with basic reading skills. Students will work to improve in areas of vocabulary, reading comprehension and study skills.

Course Number: EN.ESLRDG3, EN.ESLRDG4

Course Name: ESL Reading 3, 4

Prerequisites: instructor's approval

Grade Level(s): 9-12

Credit Per Semester: 1.0 (Humanities or Elective)

Course Description: This course is designed to give students individualized help with basic reading skills. Students will work to improve in areas of vocabulary, reading comprehension and study skills.

Course Number: EN.ESLRDG5, EN.ESLRDG6

Course Name: ESL Reading 5, 6

Prerequisites: instructor's approval

Course Length: 1 Semester

Grade Level(s): 9-12

Credit Per Semester: 1.0 (Humanities or Elective)

Course Description: This course is designed to give students individualized help with basic reading skills. Students will work to improve in areas of vocabulary, reading comprehension and study skills.

Course Number: MA.ALG1, MA.ALG2

Course Name: Algebra 1, 2

Prerequisite: None

Course Description: Algebra 1, 2 is based on the Colorado Academic Standards for Mathematical Content and Practices and is aligned with the expectations of the PARCC Algebra I end-of course assessment. Students' success in this course depends greatly on their mastery of grade 8 mathematics. Topics in this course include the algebraic, numeric and graphical study of functions and systems of functions (linear, quadratic, exponential, square root and cube root, absolute value, piecewise, and step), transformations of functions, linear inequalities, multi-step contextual problem solving and modeling with functions, and data representation and interpretation. Graphing technology is required for this course

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Mathematics)

Course Number: MA.ALG1H, MA.ALG2H

Course Name: Algebra 1, 2 Honors

Prerequisite: Students must meet or exceed STAR math scores

Course Description: This honors course builds on the mathematics topics with vocabulary, skills and applications to real-life and mathematical situations where students develop critical thinking skills and problem solving techniques. This course is designed for those students who have a strong preparation for algebra. Its advanced pacing is intended for students who want to follow the honors curriculum in mathematics. It is also aligned to the latest recommendations of the National Teachers of Mathematics, the Colorado State Mathematics Standards and Frameworks, and the Colorado Alignment Guide. Calculator technology is an integral part of this course. A scientific calculator is required and/or a graphing calculator is highly recommended.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Math requirement or Elective)

Course Number: MA.ALG3, MA.ALG4

Course Name: Algebra 3, 4

Prerequisite: Algebra 1,2 or the equivalent

Course Description: Algebra 3,4 is based on the Colorado Academic Standards for Mathematical Content and Practices and is aligned with the expectations of the ACT college readiness assessment and the PARCC Algebra II end-of course assessment. Students' success in this course depends greatly on their mastery of Algebra 1, 2. Topics in this course include the algebraic, numeric and graphical study of functions and systems of functions (polynomial, rational, radical, exponential, logarithmic and trigonometric), transformations of functions, multi-step contextual problem solving and modeling with functions, trigonometric values in the unit circle, complex numbers, probability of compound events (independence and conditional probability), and statistical analysis and decision-making including use of the normal distribution. Graphing technology is required for this course

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Math requirement or Elective)

Course Number: MA.ALG3H, MA.ALG4H

Course Name: Algebra 3, 4 Honors

Prerequisite: Geometry 1, 2 or its equivalent with teacher recommendation.

Course Description: Algebra 3, 4 aligns to the latest recommendations of the National Council of Teachers of Mathematics (NCTM standards), State Standards and Frameworks, District curriculum alignment guide, and ACT expectations. It follows the approach of making mathematics relevant by using math skills in a problem solving environment. Success in this course depends in a large part on success in Algebra 1, 2. Many applications will be offered. All of the concepts of Algebra 1, 2 will be reinforced through mathematics theory and application of mathematics in new situations. The concepts include open sentences in one, two, and three variables and factoring of polynomials, matrices, complex numbers, series and sequences, probability, statistics and conic sections. Graphing calculators are recommended for this course.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Math requirement or Elective)

Course Number: MA.ANTRG1, MA.ANTRG2

Course Name: Math Analysis/Trig 1, 2

Prerequisite: Algebra 3, 4

Course Description: The purpose of this course is to prepare students for calculus. It offers an analytical and cohesive study of concepts introduced in previous courses and introduces new topics such as functions, vectors, analytic geometry, and probability. This course is aligned to ACT expectations and the American Diploma Project expectations. Graphing calculators are required for this course.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Math requirement or Elective)

Course Number: MA.CON1, MA.CON2

Course Name: Consumer Math 1, 2

Prerequisite: None

Course Description: This course is designed to meet the needs of a young adult in the realm of consumer mathematics. Major topics include budgeting, housing, banking, income tax, insurance, credit, and investments. The course is divided into two non-sequential semesters, so students may take either one or both. A student may not receive math credit for both Consumer Math and Business Math. This course will not satisfy college entrance requirements. Calculators are recommended for this course.

Period Length: 1

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Math requirement or Elective)

Course Number: MA.ESS1, MA.ESS2

Course Name: Math Essentials 1, 2

Prerequisite: Teacher Placement Only

Course Description: Math Essentials conforms to the latest recommendations of the National Council of Teachers of Mathematics (NCTM standards). It follows the approach of making mathematics relevant by using skills in a problem solving environment. This course is designed for students who have not demonstrated mastery of basic math skills. Topics include operations on whole numbers, integers, percents, and rational numbers. Measurement, geometry, statistics and probability with real world applications will be covered. Students may use computers, calculators, and manipulatives for course work. No credit will be given to students who have received credit for Algebra, Algebra with Computers, Integrated Algebra/Geometry, IMP or the equivalent. This course will not satisfy college entrance requirements.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Math requirement or Elective)

Course Number: MA.INTMTH1, MA.INTMTH2

Course Name: Integrated Math 1, 2

Prerequisite: Algebra 1-2 and teacher/counselor recommendations required.

Course Description: This course is intended as a “bridge course” for students who have passed first-year algebra and who need additional algebraic preparation before enrolling in second-year algebra. This course reviews and extends students’ prior learning in topics that include: linear and quadratic functions, equations, inequalities and systems to develop basic concepts of higher-order polynomials; exponential functions and equations to develop math models; radicals and rational exponents to develop broader concepts of algebraic equivalences, functions and equations; proportional reasoning to develop geometric concepts of congruence, similarity and right-triangle trigonometric ratios; circle geometry and the Pythagorean Theorem to develop the equation of a circle and basic concepts of trigonometric functions; reasoning with probability and statistics to develop making and justifying data-based references. In this course, particular emphasis will be placed on further developing students’ skills in reading, interpreting and solving math problems given in rich contexts; deepening students’ understanding of connections between algebraic and graphical representations of functions and developing students understanding of connections between algebraic and geometric representations.

Grade Level: 10-12 grade(s)

Credit Per Semester: One (1) Mathematics or Elective

Media

Course Number: BU.BRVDPR1, BU.BRVDPR2

Course Name: Broadcast Video Production 1, 2

Prerequisites: Teacher recommendation

Grade Level(s): 11-12

Credit Per Semester: 1.0 (Practical Art of Elective)

Course Description: This course builds on the skills developed by students in Advanced Video Production 1 & 2. It is a laboratory workshop class of students responsible for providing a cablecast through the school’s video system of news and feature stories. The duties of the students will include writing, videotaping, editing, and performing video segments of events, programs, and personalities connected to life at the school. The students will extend their knowledge of broadcast journalism skills and techniques and demonstrate advanced skills in communication with the audience; including the production of news packages, as well as the development of more extensive treatments and/or storyboards that demonstrate storytelling and critical thinking skills based on the Pre-production, Production and Post-production phases of video production. The course also includes the production of community, education, and persona video programs. This course is appropriate for students who are preparing for careers in communication media or journalism.

Course Number: EN.YEARBK1, EN.YEARBK2

Course Name: Yearbook 1, 2

Prerequisites: Teacher recommendation

Grade Level(s): 9-12

Credit Per Semester: 1.0 (Humanities or Elective)

Course Description: The yearbook staff produces the school yearbook which entails planning pages, drawing layouts, gathering information, writing copy, and composing pages for the sections of the book with the guidance of the instructor. Ordering, cropping, placing photographs, and selling ads are the duties of editors and staff. Experienced, dependable

photographers are needed. Applicants for the editorial staff should be able to write effectively, to do neat work, and to meet deadlines. Interested students must get an application from instructor.

Physical Education / Health

Gym clothes are required for all activity classes. Only exception is Partners in PE. Students must have a swimsuit for swimming classes. Girls are encouraged to wear one piece suits. We will supply a combination lock to every student. Goggles, nose clips, and swim caps are also available for check out.

Course Number: HE.HEALTH

Course Name: Health

Prerequisite: None

Course Description: This course will influence attitudes toward health which will promote respect for the human mind and body and the factors which foster optimum healthful living. Good health shall be identified as mental, social, and physical well-being and not merely the absence of disease and infirmity. Emphasis will be placed on developing self-esteem and positive interpersonal relationships. The students will be encouraged to explore the emerging health information and develop the ability to weigh the validity of such information for application to their existing health status.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Health or Elective)

Course Number: PE.LIFEGRD

Course Name: Life Guard Level 1

Prerequisite: None

Course Description: Prerequisite: 15 years of age Lifesaving/CPR for the professional rescuer and first aid will be offered. At the end of the unit students will be certified to lifeguard.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Physical Education or Elective)

Course Number: PE.PARTNER

Course Name: Partners in Physical Education

Prerequisite: None

Course Description: This course is designed to pair "regular education" students with students with special needs in a traditional physical education class setting. Student pairs will work together to achieve state and district physical education standards.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 Physical Education

Course Number: PE.PE

Course Name: PE

Prerequisite: None

Course Description: Students who participate in quality physical education programs receive a variety of benefits including the development of: 1) a variety of motor skills and abilities related to lifetime leisure skills, 2) improved understanding of the importance of maintaining a healthy lifestyle, 3) improved understanding and appreciation of movement and the human body, 4) improved knowledge of the rules and strategies of particular games and sports, and 5) improved self-confidence and self-worth as they relate to physical education and recreation activities.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Physical Education or Elective)

Course Number: PE.SWIM1, PE.SWIM2

Course Name: Swim Level 1, 2

Prerequisite: None

Course Description: This unit will emphasize adaptation to, and respect for, the water. Focus will be on the application of buoyancy, body position, and propulsion. The elimination of fear in deep water is also a major goal.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Physical Education or Elective)

Course Number: PE.TEAMSPR

Course Name: Team Sports

Prerequisite: None

Course Description: This class will include three week units of basketball, team handball, volleyball, speed ball, flag football, soccer, lacrosse, and softball. Skills and techniques are introduced and developed while forming and developing good attitudes towards teammates, defense, officials, rules, conditions, and positions of the game in basketball, flag football, speedball, softball, soccer, and team handball.

Grade Level: 10-12 grade(s)

Credit Per Semester: 1.0 (Physical Education or Elective)

Course Number: PE.WGTTRG2

Course Name: Weight Train Level 2

Prerequisite: None

Course Description: This class is an introduction to intermediate exercises including the proper use of free weights and safety precautions. Students, with help of the instructor, will set up a special program designed to meet their goals.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Physical Education or Elective)

Course Number: PE.YOGA

Course Name: Yoga Fit

Prerequisite: None

Course Description: Students will learn a unique combination of strengthening and flexibility related exercises with benefits that can be carried into other aspects of a person's life. Yoga's benefits include increased muscular strength and tone, flexibility respiratory and circulatory health, injury prevention, sports performance, improved posture and stress relief.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Physical Education or Elective)

Course Number: SC.BIO1, SC.BIO2

Course Name: Biology 1, 2

Prerequisite: Recommended successful completion of Physical Science/Earth and Space Science.

Course Description: This is a comprehensive course designed to provide students with the key biological concepts to meet state and district standards. Topics include cell structure and function, general plant and animal biology, and ecological interactions among organisms. Biology skills and processes include problem solving, critical thinking, and hands-on laboratory experiences.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Course Number: SC.BIO1H, SC.BIO2H

Course Name: Honors Biology 1, 2

Prerequisite: Recommended successful completion of Physical Science/Earth and Space Science.

Course Description: Honors Biology is a science course for high school students with a strong interest in science. Instruction includes analysis, synthesis, and evaluation of information obtained from print and laboratory research. Students are expected to do independent research, plan investigations, practice self-evaluation, and give evidence of applying knowledge outside the classroom. This course is a comprehensive course designed to provide students with the key biological concepts to meet state and district standards.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Course Number: SC.ENVR1, SC.ENVR2

Course Name: Environmental Science 1, 2

Prerequisite: None

Course Description: Environmental Science is a systematic study of living systems with emphasis on interaction of the living systems with the natural environments. It teaches students to view the environment as an integral part of their lives and community. This is an issues-oriented environmental studies course that investigates and analyzes community problems and uses knowledge and processes of science to suggest options for the solutions of these problems. This course emphasizes problem solving, decision making, and hands-on learning.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Course Number: SC.GNCHEM1, SC.GNCHEM2

Course Name: General Chem 1, 2

Prerequisite: Algebra 1, 2 completed or concurrent; recommended successful completion of Physical Science/Earth and Space Science and Biology.

Course Description: This is a quantitative and analytical study of matter. Elements, compounds and their interactions are explored through laboratory investigations. Possible topics include chemical bonds, the mole concept, energy, states of matter, the Periodic Law, acids, bases, electrochemistry and organic chemistry. This course can also be a

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Course Number: SC.PES1, SC.PES2

Course Name: Phys Science/Earth/Space 1, 2

Prerequisite: None

Course Description: This course will provide the foundation for the basic concepts of physical science to include heat and thermodynamics, electricity and magnetism, light and sound, mechanics of motions, bonding of chemical molecules, atomic structure, and conservation of mass and energy. In the areas of earth and space sciences, the basic concepts of geologic time, weather and climate, earth and moon system, stars and galaxies, rock and minerals will be covered.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Course Number: SC.PHY1, SC.PHY2

Course Name: Physics 1, 2

Prerequisite: Algebra 3, 4 completed or concurrent. Recommended successful completion of Physical Science/Earth and Space Science and Biology.

Course Description: Physics is the study of motion, forces, energy, light, sound, electricity, and magnetism. Students will be expected to demonstrate a command of science process skills. They will solve problems by observing demonstrations, conducting experiments, and applying math procedures and skills. Physics has applications in many fields including athletics, engineering and technology, liberal arts, and medicine and health.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Course Number: SC.PHY1H, SC.PHY2H

Course Name: Physics 1, 2 Honors

Prerequisite: Algebra 3, 4 completed or concurrent. Recommended successful completion of Physical Science/Earth and Space Science and Biology.

Course Description: Honors Physics is the study of motion, forces, energy, light, sound, electricity, and magnetism. Students will be expected to demonstrate a command of science process skills. They will solve problems by observing demonstrations, conducting experiments, and applying math procedures and skills. Physics has applications in many fields including athletics, engineering and technology, liberal arts, and medicine and health. This honors course deals with the content and objectives in greater depth and complexity. Higher reasoning skills are needed, more out-of-class work is expected, and independent study skills are utilized.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Science requirement or Elective)

Social Studies

Course Number: SS.ETHNIC

Course Name: Ethnic Studies

Prerequisites: None

Grade Level(s): 9-12

Credit Per Semester: 1.0 (Social Studies, Humanities or Elective)

Course Description: The background and contributions of immigrants and other minority groups within the United States are explored through an historical and chronological approach.

Course Number: SS.CNCRLAW

Course Name: Constitutional & Criminal Law

Prerequisite: None

Course Description: This course is designed to explore the constitutional foundations and structure of the federal and state legal systems. Key concepts include the first ten amendments and individual rights, law enforcement, judicial systems, civil and criminal law, and balancing rights with responsibilities.

Grade Level: 10-12 grade(s)

Credit Per Semester: 1.0 (Social Studies or Elective)

Course Number: SS.PRNECON

Course Name: Principles of Economics

Prerequisite: None

Course Description: This course includes the basic concepts of economic theory and their application to national, state, and local issues. Topics include the basic concepts of economics, micro-economic issues, macro-economic issues, and international economic issues. Emphasis will be placed on economic literacy to prepare students for college studies.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Fulfills Economics requirement)

Course Number: SS.USGOV

Course Name: United States Government

Prerequisite: None

Course Description: The opportunity for most United States citizens to acquire the knowledge and dispositions essential for informed effective citizenship is during their school years. Therefore, United States Government is designed to enhance responsible and informed participation in civic life. This course will incorporate the Colorado Civics content standards, and key themes will include the purpose of government and heritage of United States government, comparative governments, the Constitution as a living document, political parties, citizenship rights and responsibilities, states and local government, and government relations to world affairs.

Grade Level: 11-12 grade(s)

Credit Per Semester: 1.0 (Social Studies (fulfills U.S. Government requirement), Humanities, Elective)

Course Number: SS.USHST3H, SS.USHST4H

Course Name: H3, H4 US History: Reconst - Presnt

Prerequisites: None

Grade Level(s): 10-10

Credit Per Semester: 1.0 (Social Studies, Humanities or Elective) Fulfills American History requirement.

Course Description: The survey course emphasizes major developments in the history and heritage of the nation during the later half of the 19th century, the 20th century and the beginnings of the 21st century. Standards in history and geography are emphasized as well as an understanding of how past events relate to current events.

Course Number: SS.USHST3, SS.USHST4

Course Name: US History: Reconst - Present 3, 4

Prerequisite: None

Course Description: The survey course emphasizes major developments in the history and heritage of the nation during the later half of the 19th century, the 20th century and the beginnings of the 21st century. Standards in history and geography are emphasized as well as an understanding of how past events relate to current events.

Grade Level: 9-10 grade(s)

Credit Per Semester: 1.0 (Social Studies, Humanities or Elective) Fulfills American History requirement.

Course Number: SS.WHG1PAP, SS.WHG2PAP

Course Name: Pre-AP Wld Hist & Geog 1, 2

Prerequisite: None

Course Description: Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. This course builds students' essential skills and confidence and helps to prepare them for a range of AP history and social science coursework. The learning model is that of a disciplinary apprenticeship, with students using the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom. In this course, students learn that historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants.

Grade Level: 9-9 grade(s)

Credit Per Semester: 1.0 (Social Studies, Humanities, or Elective)

Course Number: SS.HG1PAPH, SS.HG2PAPH

Course Name: Pre-AP Wld Hist & Geog Honors 1, 2

Prerequisite: None

Course Description: Honors Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. This course builds students' essential skills and confidence and helps to prepare them for a range of AP history and social science coursework. The learning model is that of a disciplinary apprenticeship, with students using the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom. In this course, students learn that historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants. The pacing of this course is intended for students who wish to engage in the challenges of an honors level world history and geography course while demonstrating learning at rigorous levels.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Social Studies, Humanities, or Elective)

Language^{OBJ}

Course Number: FL.CHIN1, FL.CHIN2

Course Name: Mandarin Chinese 1, 2

Prerequisite: None

Course Description: The course will center on the development of four primary language skills: vocabulary, grammar, pronunciation, and intonation. Core topics include “the individual,” “education and work,” “town and services,” “food and drink,” “leisure and travel,” “the environment,” and “health and emergencies.” Students will also develop an awareness of the many features of Chinese culture.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: FL.CHIN3, FL.CHIN4

Course Name: Chinese 3, 4

Prerequisite: Mandarin Chinese 1, 2

Course Description: The course will center on the continuing development of vocabulary, grammar, pronunciation, and intonation. Core topics begun in the first year will be expanded, including “the individual” “education and work” , “town and services” , “food and drink” , “leisure and travel” , “the environment” and “health and emergencies.” Students will address these topics through listening, speaking, reading, and writing in an integrated manner. Students will also develop an awareness of the many features of Chinese culture.

Grade Level: 10-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: FL.SPA1, FL.SPA2

Course Name: Spanish 1, 2

Prerequisite: None

Course Description: This course develops the language skills of listening, speaking, reading, and writing. Through a variety of enrichment activities and a basic text, the student learns to communicate in the language and to appreciate the culture of the Spanish-speaking world.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: FL.SPA3, FL.SPA4

Course Name: Spanish 3, 4

Prerequisite: Spanish 1, 2

Course Description: This course broadens the knowledge and reinforces the language skills introduced in Spanish 1, 2. The student takes part in lessons designed to make the study of Spanish interesting and practical and develops a deeper appreciation of the Spanish language through a year-long series of cultural experiences.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)

Course Number: FL.SPSP1, FL.SPSP2

Course Name: Spanish Proficiency 1, 2

Prerequisite: Foreign Language or English Second Language teacher recommendation

Course Description: This course is intended for the native or fluent Spanish speaker who would like to maintain or strengthen her/his reading, writing and oral communication skills. Through reading a variety of texts, students will gain an appreciation for Hispanic literature, while celebrating the Spanish heritage. Lastly, this course will prepare students to participate in a global economy that requires fluency in more than one language.

Grade Level: 9-12 grade(s)

Credit Per Semester: 1.0 (Humanities or Elective)