

**Glenwood Springs High School
Course Guide
2019-2020**



<http://gshs.rfsd.k12.co.us>
1521 Grand Avenue Glenwood Springs, CO 81601
(970) 384-5555

Table of Contents

Introduction.....	3
College Bound Course Recommendations.....	3
Graduation Requirements.....	3
Credit Information.....	4
Attendance Policies.....	4
Class Drops	4
Crew	5
Advancement Opportunities.....	5
Advanced Placement Classes.....	5
NCAA Eligibility Requirements	5
GSHS Course Descriptions.....	6
Art.....	6
English.....	9
Foreign Language.....	10
Health/Financial Literacy.....	13
Math.....	14
Music.....	16
Physical Education.....	18
Science.....	20
Social Studies.....	23
Technology.....	25
Theatre.....	27

JROTC.....	27
Electives.....	28
YouthEntity	30
CMC Dual Enrollment	32



Introduction

This curriculum guide should prove invaluable while you are a student at Glenwood Springs High School. It is suggested that you carefully read this guide before completing your four-year high school plan and your pre-registration forms each year.

College Bound Course Recommendations

Most colleges today have admission requirements that exceed GSHS graduation requirements. Students who plan to attend college should, at a minimum, take:

<u>English</u>	<u>40 credits</u>
Not included: Journalism, Drama	
<u>Social Studies</u>	<u>30 credits</u>
American History/World History	
World Cultures/Geography	
Civics	
<u>Mathematics</u>	<u>40 credits</u>
<u>Science</u>	<u>30 credits</u>
Physical and Biological	
<u>Foreign Language</u>	<u>20 credits</u>
<u>Physical Education</u>	<u>10 credits</u>
<u>Health</u>	<u>10 credits</u>
<u>Career Skills</u>	<u>10 credits</u>
Financial Literacy & Technology classes	
<u>Fine Arts</u>	<u>10 credits</u>
Art, Music, Drama	

GSHS Graduation Requirements

These are the minimum graduation requirements. **However**, GSHS requires students to exceed these recommendations.

Students must enroll in a rigorous schedule of classes as determined by their school. Students will be expected to enroll in a four-year course of study in order to meet or exceed the Colorado Higher Education Admission Requirements.

These requirements may be modified according to individualized plans for Students with Disabilities and English Language Learners.

Five credits will be granted for each semester of a course passed.

Courses:

- English: Complete 30 high school English credits (level 1-3 or higher) or demonstrate college readiness. Students must enroll in 10 credits of English every year.
- Social Studies: 30 credits including the study of:
- a) 10 credits of history, including US or World History
 - b) 5 credits of Civics
 - c) 5 credits of Geography
- Math: Complete 30 high school mathematics credits (Integrated Mathematics levels 1-2 or higher) **OR** demonstrate college readiness. Students must enroll in 10 credits of math every year through 11th grade
- Science: Class of 2020-2022: Complete 30 credits including physical and biological science
- Class of 2023 and beyond: Complete 30 credits including a minimum of
- a) 5 credits of physics
 - b) 5 credits of chemistry
 - c) 5 credits of environmental science
 - d) 5 credits of life science

<u>Physical Education:</u>	10 credits
<u>Health:</u>	5 credits
<u>Fine Arts:</u>	10 credits (e.g., Art, Music, Drama)
<u>Capstone Project:</u>	Complete an approved capstone project

Valedictorian: This honor will be bestowed to the student who has the highest weighted GPA

Credits on a Standards-Based Transcript

In each class, credit is granted upon completion of content standards at a proficient or above level (a letter grade of A, B, or C). If a student receives a grade of “F,” no credit will be awarded for the class and a zero will be calculated into the student’s grade point average. Credit is assigned at the end of each semester only. To make up failed classes, the student has the following options:

1. Take the class again at GSHS
2. Complete the class in Summer School (if available)
3. Complete the class through an alternative placement (correspondence, on-line, etc.).
4. When a student makes up a failed class, the previous “F” will be changed to “NC” (no credit) on the transcript.

Absences

Students must demonstrate proficiency in each course before credit can be granted in a class. Therefore, students missing school, whether excused or unexcused, are responsible for making-up missed learning opportunities. Procedures for making up assignments should be similar to the reassessment process. Students with prearranged absences should make arrangements prior to the absence for completing make-up work and missed learning opportunities. Parents or students requesting advance homework assignments must allow a 24-hour notice for academic work collection.

Tardiness

Our high expectations for class attendance also include punctuality and preparation. Students are expected to arrive on time and with the necessary homework, books, and materials. Each teacher at GSHS maintains his/her own tardy policy. The administration of GSHS supports each teacher’s tardy policy. Late arrival at class is discourteous to the teacher and other students and adversely affects efficient teaching.

Fees

Some classes at GSHS require a fee. The class descriptions in this Course Guide will specify if there is a fee and the amount. Fees are due at the beginning of each semester, and all fees must be paid by the second week of the semester. In classes that use a great deal of consumable materials, fees are used to pay for these expense. Families who qualify for free and reduced lunch may qualify for a reduction in fees.

Class Drop Policy

The policy of GSHS is that students are required to maximize their educational opportunities. Students are expected to shoulder the most challenging schedule they can manage. Students should have a full schedule of classes. Study periods are provided only for students facing an arduous academic burden; typically AP classes and college-level classes. **Students may not drop a class after the first two weeks of the year each semester unless they can substitute a replacement class. An independent study or teacher’s aide is not an acceptable alternative. If a drop is made after the first two weeks, it will result in a W/F (withdraw/fail) on your student’s transcript.**

The student's parents must initiate the process of changing a student’s class by submitting a letter stating the reason for the requested change. Students may not initiate the process. On receipt of this letter the counselor will arrange a meeting with the student, the parents and the teacher of the relevant class, to determine whether a change should be recommended. *This same consultation process also applies in those cases where parents or students seek to continue studying a subject but to change the teacher.* Students are expected to persist with classes even when they are difficult. Clearly, education is better promoted by attending a class than not attending. Where students are struggling to meet the standards required by the class they are expected to put a plan in place to raise their achievement. Among the issues that students who are failing should address are: attendance, punctuality, homework completion, and class participation.

In addition, students should consider additional strategies such as finding a study buddy or a study group or using online support programs. Students should discuss their plan with their teachers. □Teachers (not students) may recommend that students who are failing a class should switch to the audit track rather than the credit track. Students following the audit track will be expected to fully participate in class in terms of attendance, behavior and participation. Students on the audit track will receive an “AU” on their transcript rather than a letter grade, and this will not impact their GPA. A student on the audit track who raises his or her performance such that they do pass the class, will receive the grade, and the credit will appear on the transcript. Students who, in the judgment of the teacher, do not adequately participate in the audit track will receive an F grade. Students on the audit track will be subject to weekly eligibility reporting. The purpose of the audit track is to maximize the student’s education and to provide a basis for further study of the subject in the future.

CREW

Crew is a dedicated time in the week to focus on character skills, social-emotional learning and academic goal-setting. Crew provides each student a relationship with an adult crew leader at the school, as well as a consistent and ongoing small-scale peer community. It sets the stage for the development of deeper teacher-to student and student-to-student relationships which increase feeling of belonging and supports all students’ success. Among other virtues "crew" is, in particular, a program that provides every student with an adult mentor whose job it is to guide the students in their care through the complex and confusing high-school years.

Advancement Opportunities

GSHS offers programs for students who wish to advance their curriculum. These options include: AP classes and dual credit classes.

Advanced Placement (AP) classes

The Advanced Placement Program® is a cooperative educational endeavor between secondary schools and colleges/universities. It provides motivated high school students with the opportunity to take college-level courses in a high school setting. Students who participate in the program not only gain college-level skills, but in many cases, also earn college credit while they are still in high school. AP courses are taught by dedicated and enthusiastic high school teachers who follow course guidelines developed and published by the College Board.

Students enroll in AP courses with the understanding that all AP courses are a full year long and are expected to take the AP subject exam at the end of the course. Interested students are encouraged to meet with a GSHS counselor for more information .

Fees: College Board exam fees must be paid in full by May 1st, \$94/exam, **however** GSHS plans to subsidize these fees with grant money. For the 2018 exams the costs are as follows: AP Language and Literature, for 11th graders only, FREE and all other AP exams \$60. For those who qualify, there is an additional reduction in the cost of the exams. GSHS also offers AP support classes for student enrolled in AP science and math classes. See your counselor if you are interested in enrolling in an AP support class.

Dual Credit classes

Credit for high school and college can be earned concurrently when a student enrolls in an approved Dual Credit class. The tuition for these classes is paid by GSHS, but the student is responsible for paying the fees and the cost of books. Additional registration procedures are necessary for enrollment. Students must test at college reading or math level for all classes. CMC attendance policies are different from GSHS policies, and missing these classes can result in a failing grade. If a student fails a dual enrollment course, they will be billed for the full tuition for that class. The CMC registration timeline is significantly earlier than that at GSHS. See your counselor if you are planning on taking dual enrollment courses.

NCAA Eligibility Requirements

*****Please notify your counselor as soon as possible if you are interested in playing college sports *****

Athletes who plan to enroll in college and plan to participate in NCAA Division I or Division II athletics must register at the end of their junior year to be certified by the NCAA Initial Eligibility Clearinghouse. Please consult the NCAA Clearinghouse website at www.eligibilitycenter.org for details.

GSHS Course Descriptions

Art

Art I

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: \$30

Description First year art teaches skills in the following areas: drawing techniques composition, painting, printmaking, clay, sculpture, stained glass, and art history. This is a prerequisite for most advanced art classes. [Link](#) to see examples.

Basic Art - 3D Design

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: \$15 / per semester

Description: Learn the basic skills that will allow students to form, model, shape and cast art. Expect exciting projects which may include sculpture (wire, glass, clay, and found objects), fiber arts (fabric design, sewing, batik, needle and wet felting). Serves as a prerequisite for Pottery/Ceramics, Stained Glass, Jewelry/Metalsmithing). [Link](#)

Drawing

Grade Level: 10, 11, 12

Length Full Year

Prerequisite: Art 1 or teacher approval

Fee: \$40

Description: This class builds on the fundamental skills mastered in Art 1. Drawing is the foundational skill for all visual art forms. This class will strengthen your ability to perceive and draw proportions more realistically as well as add the illusion of three-dimensionality to your artwork by shading according to a light source. The first semester will place an emphasis on drawing from life and will include projects in still-life, landscape, the human figure, and portraits. Second semester will use these foundational skills in more creative and expressive projects. [Link](#)

Painting

Grade Level: 10,11,12

Length: Full Year

Prerequisite: Art 1 or teacher approval

Fee: \$ 40

Description: This class builds on the fundamental skills mastered in Art 1. Students will learn painting techniques with many media including; watercolor, acrylic, oil, pastels and more. The class will emphasize quality compositions, technical skills, and creativity. Students will participate in shows, critiques and gallery walks. Come expecting to find your work change and get better just in a year! In exceptional circumstances students may be admitted to the program who have not taken Art I. Students should talk to a member of the art faculty to discuss the alternative admission requirements. [Link](#) to see examples.

Pottery / Sculpture

Grade Level: 10, 11, 12

Length: Full Year, may be repeated

Prerequisites: Art I or Basic Art 3D Design, or teacher approval

Fee: \$40

Description: This class builds on the fundamental skills mastered in Art 1 or Basic Art 3-D Design. The course is for those who wish to concentrate on three-dimensional art. Functional ceramics, the potter's wheel, and abstract sculpture are some of the projects students may expect to create. In exceptional circumstances students may be admitted to the program who have not taken Art I. Students should talk to a member of the art faculty to discuss the alternative admission requirements. [Link](#)

Jewelry

Grade Level: 10, 11, 12

Length: One Semester. May be take as a year course! See Advance Jewelry.

Prerequisites: Art I or Basic Art 3D Design

Fee: \$25

Description: Here is the ultimate way to let your talent shine and your creativity sparkle. The sky is the limit when it comes to your own designs. You will create projects using sterling silver, semi-precious stones and everyday materials. This class teaches how to produce necklaces, bracelets, pins and earrings that are individual and expressive in design, while also developing the basic skills in jewelry making. In exceptional circumstances students may be admitted to the program who have not taken Art I. Students should talk to a member of the art faculty to discuss the alternative admission requirements. Sometimes this course is combined with the Stained Glass class. [Link](#)

Advanced Jewelry

Grade Level: 10, 11, 12

Length: One Semester, may be repeated

Prerequisites: Jewelry

Fee: \$25

Description: Students will create unique and individual projects using vacuum casting for silver and gold jewelry, hammered metal- smithing techniques, and advanced work in stone setting.

Stained Glass

Grade Level: 10, 11, 12

Length: One Semester, may be repeated

Prerequisites: Art I or Basic Art 3D Design, or teacher approval

Fee: \$25 + cost of glass

Description: This class is for the serious art student who would like to learn a craft that will enable them to support themselves from their art. The class will cover methods of copper foil fabrication, slumping and fusing. Students will need to buy all their own glass. In exceptional circumstances students may be admitted to the program who have not taken Art I. Students should talk to a member of the art faculty to discuss the alternative admission requirements. [Link](#)

Fashion and Textiles (Sewing)

Grade Level: 9, 10, 11, 12

Length: One Semester. may be repeated (encouraged)

Fee: \$15 + materials

Description:

Explore the fashion world, creating your own clothing, costumes, hats and so much more. Learn how to embroider, crochet and felt, as well as the fundamentals of sewing. Basic sewing skills are taught as students progress from simple to more complex projects. This course covers the use of sewing machines, commercial patterns, pattern- fitting, and sewing terms. Expenses for fabric and patterns vary with project selection. May be combined with Basic Art: 3-D design. [Link](#)

Advanced Fashion and Textiles (Sewing)

Grade Level: 9, 10, 11, 12

Length: One Semester, may be repeated

Prerequisites: Fashion and Textiles

Fee: \$15 + materials

Description:

Reflect your own unique personality by designing, fitting, and constructing your own clothing, quilting or textile creations. This class will cover advanced sewing techniques such as the use of a 4-thread surger, rotary cutters, mats and weights. We will go into more detail with pattern-fitting, tailoring, pattern-drafting and appliqués. Students will create unique and individual clothing, quilts, art or home-decorating projects. Expenses will vary with project selection.

Photography

Grade Level: 10, 11, 12

Length: Full Year

Prerequisite: Have own Digital Camera or phone

Fee: \$30

Description: Photography is a year long class exploring both digital and film photography. Photo projects will include landscapes, portraits, action shots, and special effects where the original photo is manipulated using software like Adobe Photoshop. Most of second semester will be spent developing black and white photos in the darkroom, so access to a SLR film camera is helpful but not required. A digital camera (could be a phone) is however required, and is not provided by the school. [Link](#)

Digital Art and Graphic Design

Grade Level: 10, 11, 12

Length: Full Year

Fee: \$15

Description: This is like art class on a computer! You will use programs like Adobe Photoshop to create graphic art and design projects like logos, posters, advertisements, ski/snowboard graphics, cartoon characters, comic books, digital paintings, etc. If you are interested in a career in the creative sector, this class will help you build the 21st century art and computer skills you will need to succeed! [Link](#)

Woods

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: \$30 + materials

Description: In this introductory woodworking course, students will begin by understanding wood as a material. Using a mixture of traditional and mechanical tools, we build wooden objects using techniques such as joinery, carving, shaping, gluing and finishing. There is no need for prior experience in woodworking. By the end of the course, students will have a better understanding of wood as a workable material and most importantly, how to use it in a safe and efficient manner.

Advanced Woods

Grade: 10, 11, 12

Length: Full Year

Prerequisites: Woods I (Build and Design)

Fee: \$30 + materials

Description: With background and experience gained in Woods I, students implement design decisions when making their own furniture. Fundamental techniques and knowledge will be used to build the basis of a lifelong skill-set. Advanced machinery techniques will be demonstrated, along with thorough design discussions in ergonomics, structure, and aesthetics.

AP Studio Art

Grade: 11, 12

Length: Full Year

Fee: \$50 PLUS AP Portfolio Fee (Set by College Board)

Prerequisite: Two art courses or instructor approval

Description: This course is part of the National College Board AP program for the serious art student seeking college art credit or a creative challenge. There are three different portfolios (Drawing and painting, 2-D design and 3-D design) Please read all the descriptions below in order to determine which class is best for you. You may also bring your work to one of the art teachers for help with the decision.

During this intense year long course, students will focus on in-depth, inquiry-based art and design making; on skillful synthesis of materials, processes, and ideas; and on articulating information about their work. For all three portfolios, students will submit images and writing to document their inquiry-guided investigation. All enrolled students are required to submit a substantial digital portfolio of artworks to the College Board to be scored—colleges may grant credit based on the score.

The three different portfolios: Pick which fits you the best

1. AP Drawing and Painting: For the student who has a passion for drawing and painting. Student must be very creative. Can draw and paint creativity as well as realistically. Students will submit 15 pieces to the college board.
2. AP 2-D Design: For the student whose work is strong in design. This can include the photographer, the computer arts, and drawing and painting if the style tends to be graphic (see instructor to help label your style). Students will submit 15 pieces to the college board.
3. AP 3-D Design: For the student who produces projects with clay, glass, wire, wood or metal (including jewelry). If you fit here, you will be enrolled in one of the 3-D advanced classes.

English

English I-

Grade Level: 9

Length: Full Year

Description: This course is designed for students who have completed the 8th grade Language Arts requirement. It incorporates the study of literature, poetry, short stories, grammar, mechanics, usage, and various forms of composition. It emphasizes fundamentals of written communication.

English II-

Grade Level: 10

Length: Full Year

Prerequisites: English I

Description: English II is designed to build upon the English I curriculum. The class will include reading literature and writing various types of essays.

Creative Writing

Grade Level: 10, 11

Length: One Semester

Prerequisites: Seminar 1 and 2

Description: This is a writing composition course in which students compose and analyze poetry, short fiction, playwriting as well as create multi-genre projects to showcase writing skills developed. This class will focus on the creative process and the development of creative writing through intensive writing projects and study.

Shakespeare

Grade Level: 11, 12

Length: One Semester

Prerequisites: Seminar 1 and 2

Description: This course is designed to expose students to the comedies and tragedies of William Shakespeare through reading, field trips and observation to the works of the Bard. The course will examine the Elizabethan period of history and its literary relevance.

Film as Literature

Grade Level: 11, 12

Length: One Semester

Prerequisites: Seminar 1 and 2

Description: It's all about what makes a good story. This class explores how the stories in films connect to us in meaningful ways, reflecting who we are and the potential of what we could be. Based upon core elements of traditional fiction literature, we will analyze films at a deep level, discuss and debate meanings, and by the end of the semester you will present and teach to the class your own choice of story that reveals the class concepts as you see them.

AP Language and Composition

Grade Level: 11, 12

Length: Full Year

Fee: College Board exam fee

Description: Writing improves thinking and thinking improves writing: it's a win-win situation for your mind and for your future. This course enables you to read complex texts with understanding and to write in sufficient richness and complexity to communicate with mature readers. You will write in both informal and formal contexts to gain authority and learn to take risks in writing. This class will give you the advantage you want to succeed in any other high-level courses, even beyond high school into college.

AP English Literature and Composition

Grade Level: 11, 12

Length: Full Year

Prerequisites: Teacher Approval

Fees: Student must purchase textbook & College Board exam fee

Description: This course is designed for students who excel in writing and in the study of literature. In-depth analysis and mature discussions of literary work are expected. Students study short stories, plays, poems, essays, and novels from Ancient Greece to present day. Students are expected to read and comprehend the assigned material, participate in class discussion, write well-organized papers, complete all assignments, and work independently on some novels. Students may elect to take the AP English Literature® exam (for which colleges may award credit or advancement based on the exam score) in May.

CCR-092 College Composition & Reading (5 Credits) Year long

Grade Level: 12

Length: Full year

Prerequisites: Counselor Approval

Description: Integrates and contextualizes college-level reading and writing. Students will read and understand complex materials and respond to ideas and information through writing informative and/or persuasive texts. This course is the prerequisite for English Composition and college level courses other than math. CMC registration required for college credit.

The following classes are offered to English Language Learners (ELL) and can be used to meet the graduation requirement for English courses.

ELD Language: ELD 1-Novice level, ELD 2-Intermediate ELD 3-Advanced

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisites: ELL Program Placement

Description: Classes are designed to meet the individual educational needs of students who are Limited English Language Proficient. Enrollment is limited by Colorado and Federal requirements. Individual schedules will be determined for each ELL student according to their abilities and the Roaring Fork School District placement matrix. Emphasis is placed on speaking, listening, reading and writing.

Foreign Language

Spanish I

Grade Level: 9, 10, 11, 12

Length: Full Year

Description: Students begin learning the language by covering essential themes modeled after the AP curriculum: Health, Social Relationships, Global Challenges, and Science and Technology. While covering topics under these themes, students focus on listening and reading comprehension skills as they develop usable vocabulary. They also focus on pronunciation and oral production, all while intrinsically developing language structures.

Spanish II

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisites: Spanish I or Teacher Approval

Description: Students continue developing listening and reading comprehension skills by using more authentic texts and resources falling under the same essential themes modeled after the AP curriculum: Health, Social Relationships, Global Challenges, and Science and Technology. Students continue to focus on listening and reading comprehension skills more in depth as they develop additional useful vocabulary. Students further develop their oral production through various oral exercises and assessments, all while continuing to intrinsically developing language structures.

Spanish III

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Spanish II or Teacher Approval

Description: Students further develop listening and reading comprehension skills by utilizing more complex authentic texts and resources falling under the same essential themes modeled after the AP curriculum: Health, Social Relationships, Global Challenges, and Science and Technology. Students are orally proficient at this time, able to discuss in-depth, current and historical events under each theme. They have developed complex grammar structures and advanced vocabulary by studying the same themes each year. They have built strong connections between these themes and will be able to move on to AP Spanish Language and Culture the following year.

Spanish for Native Speakers 1

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisite: Placement test/oral interview administered by the Foreign Language Dept.

Description: This course is conducted entirely in Spanish, and is intended for students that are native or heritage speakers of Spanish who are interested in developing literacy skills in the Spanish language. Students will focus on reading and writing in Spanish along with the appropriate use of register. Students will come to appreciate the rich diversity of the Hispanic community as they are encouraged to share their own culture and traditions with other members of the class. They will work to improve oral presentation and demonstration skills while fine-tuning their writing skills and grammatical accuracy. The goal of this course is not only to polish each student's skills in Spanish, but also to reinforce the study skills necessary for success in all courses.

Spanish for Native Speakers 2

Grade Level: (9) 10, 11, 12

Length: Full Year

Prerequisite: Placement test/oral interview administered by the Foreign Language Dept.

Description: This course conducted entirely in Spanish, is intended for students that are native speakers of Spanish and who are literate in the Spanish language. Students will focus on reading and writing skills in Spanish, the appropriate use of register, and learn about the history and cultures of the Hispanic world. Students will come to appreciate the rich diversity of the Hispanic community as they are encouraged to share their own culture and traditions with other members of the class. They will read and discuss Hispanic literature, improve oral presentation and demonstration skills while fine-tuning their writing skills and grammatical accuracy. It is our hope that these students will leave this course with the skills and confidence necessary to continue on with their language study at the Advanced Placement level at Glenwood Springs High School as well as continuing on into intermediate and advanced university Spanish courses.

AP Spanish Language and Culture

Grade Level: 11, 12

Length: Full Year

Prerequisites: Spanish III

Fee: College Board exam fee

Description: AP Spanish Language and Culture is a class designed for students who would like to earn college credit in Spanish by taking and passing the Spanish Language AP test. Students should be aware that the Spanish AP test is a very difficult test. With three years experience studying essential AP themes, students focus primarily on expanding academic vocabulary, grammar accuracy, reading fluency, and writing accuracy.

AP Spanish Literature and Culture

Grade Level: 10, 11, 12

Length: Full year

Prerequisite: Prerequisite for native Spanish speakers: Spanish for Native Speakers

Prerequisite for non-native speakers: B or higher in AP Spanish Language, teacher recommendation

Description: This course is conducted entirely in Spanish. Advanced Placement Spanish Literature and Culture course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course provides opportunities for students to demonstrate their proficiency in Spanish across the three modes of communication (interpersonal, interpretive, and presentational) and the five goal areas (communication, cultures, connections, comparisons, and communities) outlined in the Standards for Foreign Language Learning in the 21st Century. The overarching aims of the course are to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills — with special attention to critical reading and analytical writing — and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish. (2014 AP Course Description)

French I

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: \$15

Description: This course focuses on listening, speaking, reading, and writing in the French language through the TPRS method. These skills will be developed through storytelling, acting, music, and film. Students will focus on developing the ability to both read and write stories in French. Students will also explore some of the unique cultural and historical influences of the French culture in our world today.

French II

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: French I

Fee: \$15

Description: This course focuses on listening, speaking, reading, and writing in the French language through the TPRS method. These skills will be developed through storytelling, acting, music, and film. There is a greater emphasis on verbal skills, written skills, and reading comprehension. Students will also explore some of the unique cultural and historical influences of the French culture in our world today. We will read short stories and a novel in French.

French III

Grade Level: 11, 12

Length: Full Year

Prerequisites: French II

Fee: \$15

Description: This course focuses on listening, speaking, reading, and writing in the French language through the TPRS method. These skills will be developed through storytelling, acting, music, and film. There is a greater emphasis on verbal skills, written skills, and reading comprehension. We will read two short novels in French. Students will continue to explore some of the unique cultural and historical influences of the French culture in our world today.

French IV

Length: Full Year

Prerequisites: French III

Fee: \$15

Description: This course focuses on listening, speaking, reading, and writing in the French language with an emphasis upon gaining fluency in the French language. Longer conversations and more writing will be expected than in the previous years, as well as oral presentations. We will continue to focus on storytelling, acting, music, and film. We will read two novels in French and watch two feature-length French films. We will use these novels and films to study French language and culture in more depth.

Health/Financial Literacy

Health

Grade Level: 10

Length: One Semester

Description: This course is designed to teach life-long skills and concepts that coincide with the National Health Standards, with emphasis on improving one's personal health and safety. Topics covered will include: nutrition, stress management, communication skills, decision making skills, self-esteem, reproductive education, tolerance, teen violence, and drug & alcohol education.

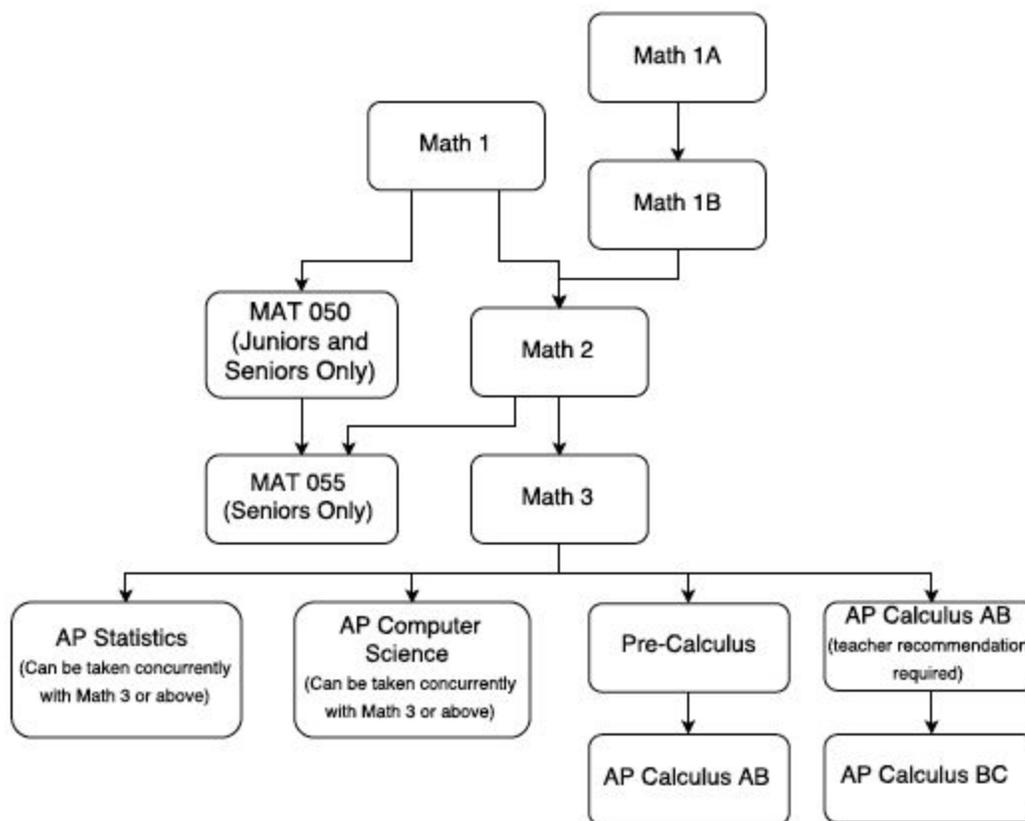
Financial Literacy

Grade Level: 10.11.12

Length: One Semester, recommended to pair with Health

Description: This course focuses on all aspects of financial literacy including: managing personal finances, checking accounts, saving, investing, budgeting, smart spending, understanding credit and insurance, reading legal documents such as apartment leases, cell phone, internet and cable company contracts. Community experts in these fields will be guest speakers. Students will participate in mock independent living situations to practice what they've learned in real-world scenarios.

Math



Math 1

Grade Level: 9, 10, 11, 12

Length: Full Year

Description: The focus of this class will be upon the Colorado State Standards for High School Math. The standards for first semester will include: functions (defining, writing, evaluating, and describing functions), linear and exponential functions in multiple representations (such as graphs, data tables, equations), using functions to model real-world situations, solve linear equations and inequalities algebraically. For second semester, the standards will include: statistics (representing data in a variety of methods, measures of central tendency, lines of best fit, and normal distributions), and geometry (geometric definitions, transformations, congruency, and using properties of lines, angles, triangles, and parallelograms).

Math 2

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisites: Math 1 or Teacher Recommendation

Description: This class will focus upon the following standards for first semester: probability (finding probability and conditional probability using two-way tables, tree diagrams, and venn diagrams, calculating probabilities of mutually exclusive and non-mutually exclusive events, and calculating independent and dependent probabilities), sequences (writing explicit and recursive equations for: arithmetic and geometric sequences, and linear, exponential, and quadratic functions), quadratics (graphing quadratics in a variety of forms, solving quadratics using different methods, converting between the different forms of quadratics, and imaginary roots of quadratics), exponential functions (converting between rational exponents and radicals, simplify rational exponential expressions and radical expressions, graphing exponentials, and solving exponential equations), and functions (being able to identify domain and range, graphing and writing equations of piecewise functions, graphing and writing equations of absolute value functions, solving absolute value equations, and being able to work with and write equations for inverse functions). Second semester standards will include: geometry (geometric definitions, proofs, constructions, triangle relationships, parallel line relationships, altitudes, medians, bisectors, centers of

triangles, quadrilaterals, polygons, similarity, dilations, rotations, proportions, pythagorean theorem, and trigonometry), circles (centers of dilation, centers of rotation, chords, arcs, inscribed angles, central angles, circumscribed angles, areas of sectors, arc length, and radians), conics (writing and graphing equations of circles in standard form, converting from general form to standard form for equations of circles, writing and graphing equations of parabolas using the focus and directrix).

Math 3

Grade Level: 10, 11, 12

Length: Full Year (1 period)

Prerequisite: Math 2 (may take concurrently with pre-calculus)

Description: This course reviews, refines and expands on the essential skills introduced in math 2, and it introduces new skills that prepare students for pre-calculus. The focus of this class will be upon the Colorado State Standards for High School Math. First semester standards will include: inverse functions (graphing, combining, composite and inverse functions of linear, quadratic, square root, exponential and logarithmic functions and their inverses), exponential and logarithmic functions (converting between rational exponents and radicals, simplify rational exponential expressions and radical expressions, graphing exponentials, writing exponential functions such as compound interest problems, and solving exponentials, using logarithms to solve exponential equations, graphing logarithmic functions, evaluating logarithmic expressions, solving logarithmic equations), polynomial functions (solving for real and imaginary zeros in polynomial functions and graphing polynomial functions). Second semester standards will include: rational functions (graphing, solving rational equations and inequalities, simplifying rational expressions, and rational expression operations), geometry (3-dimensional shapes, volumes of revolution, special right triangles, law-of-sines, law-of-cosines, and area of non-right triangles), and trigonometry (modeling, graphing, and writing equations of sine and cosine functions, trigonometry in the coordinate plane, radians, inverse trigonometric functions, and solving basic trigonometric equations).

Pre-Calculus

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Math 3 and Teacher Approval

Description: This course will focus upon functions (transformations, combinations, and compositions), trigonometric identities and equations (solving trig equations with identities, sum and difference identities, double angle, half angle, product to sum, sum to product), applications of trigonometry (polar equations, parametric equations, and vectors), systems of equations and inequalities (systems of linear equations in 2 and 3 variables, systems of non linear equations, partial fractions, matrices and matrix operations), analytic geometry (ellipses, hyperbola, conic sections in polar coordinates), sequences (arithmetic and geometric sequences, series, counting principles, binomial theorem, probability), and an introduction to calculus (limits, continuity, and derivatives).

CMC MAT 050 (Quantitative Literacy)

Grade Level: 11,12

Length: Full Year

Description: Develops number sense and critical thinking strategies, introduce algebraic thinking, and connect mathematics to real world applications. Topics in the course include ratios, proportions, percents, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies. This course prepares students for Math for Liberal Arts, Statistics, Integrated Math, and college level career math courses.

CMC MAT 055 (Algebraic Literacy)

Grade Level: 12

Length: Full Year

Prerequisites: MAT 050 or Math 2

Description: Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. This course prepares students for College Algebra and Finite Math.

AP Calculus AB

Grade Level: 11, 12

Length: Full Year

Prerequisites: Math 3 or Pre-Calculus and Teacher Approval

Fee: College Board exam fee

Description: This course is intended for serious college-bound students. The course is the first of what is commonly a three-semester sequence of college calculus. It introduces single-variable differential and integral calculus. Study will include limits, continuity, differentiation, and definite and indefinite integration, including applications of the derivative and integral. Students will have the opportunity to take the AP Calculus AB exam in May for which colleges may award credit or advancement based on the exam score.

AP Calculus BC

Grade Level: 12

Length: Full Year

Prerequisites: AP Calculus AB

Fee: College Board exam fee

Description: This course is an extension of AP Calculus. It will include topics such as applications of integrations, more advanced techniques of integration, polar coordinates, analytic geometry, improper integrals and infinite series. Students will take the AP Calculus BC exam in May giving them the opportunity to gain credits for two semesters of college credit for a Calculus I/Calculus II sequence.

AP Statistics

Grade Level: 11, 12

Length: Full Year

Prerequisites: Concurrent enrollment in Math 3

Fee: College Board exam fee

Description: This course introduces students to concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to four primary areas: data exploration, sampling and experimentation, analyzing and anticipating patterns, and drawing statistical inferences. The work involved in these areas will include analyzing and mathematically describing patterns, planning and conducting statistical studies, using probability and simulation to model situations, and forming and testing hypotheses. Students will take the AP Statistics exam in May giving them the opportunity to gain college credit for a one semester college statistics course.

Music

Symphonic Band

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisites: At least one of the following: Must have taken Musical Pathways for Beginners OR Previous instrumental/vocal experience OR Director Approval

Fee: \$20

Description: Members of the Symphonic Band will learn musical skills and performance techniques through a variety of styles and genres. The Symphonic Band will perform at the Winter and Spring Concerts. Students will have the opportunity to participate in various Honor Bands and Festivals throughout the school year. The Symphonic Band will frequently involve guest artists and other professional musicians to either work with the students or perform for students. Coinciding with the development of performance skills on one's instrument, students will engage in various exercises to learn how to create original music.

Musical Pathways for Beginners

Grade Level: 9, 10, 11, 12

Length: Semester or Full Year

Prerequisites: None

Fees: None

Description: Musical Pathways is a course designed to serve multiple purposes. The first, is to facilitate experiences for students who have never had any formal musical training, but are interested in knowing more. The second is to provide beginners who aspire to be in a performing ensemble with the skills and tools necessary to be a successful participant in an instrumental or choral ensemble. For both types of learners, the environment will be exploratory in nature in a range of musical experiences. The musical experiences may include, but are not limited to: experimenting with band instruments, learning basics on ukulele, making music with computer software, drumming, painting with music, and others.

Please Note: Beginners who have particular interest in guitar should take the Guitar class. Those who have a particular interest in digital composition, should take the Digital Composition class. This is specifically for beginners who would like to experience music in a variety of ways without a particular niche, OR, would like to become a successful participant in a performing ensemble.

Jazz Band

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisites: Audition and Director Approval

Fee: \$10

Description: The Jazz Band will perform a variety of music in diverse styles and complexity, including Big Band, Swing, Latin, Funk and Blues. Students will study improvisation techniques. Performances will include Winter and Spring Concerts, Honor Jazz Bands and may include other public performances that are requested during the year. The Jazz Band may participate in a competitive or non-competitive Jazz Festival depending on the size and make-up of the group.

Percussion Ensemble

Grade Level: 9, 10, 11, 12

Length: Full year

Prerequisites: Must also be enrolled in Symphonic Band AND/OR Director Approval

Fee: \$10

Description: In Percussion Ensemble, students will perform pieces written and arranged specifically for percussion instruments. They will also provide percussion for Symphonic Band. Percussion Ensemble will seek out additional performance opportunities at various school events and in the community. Students will also be encouraged to create their own musical arrangements for percussion ensemble in any genre.

Guitar

Grade Level: 9, 10, 11, 12

Length: One Semester

Prerequisites: Students must provide their own acoustic guitar for the class (assistance may be available on request).

Fee: **\$10 (plus guitar purchase or rental)**

Description: This course will cover basic techniques for playing the guitar. Students will learn how to read music notation and understand chords, scales, and harmonic analysis. They will also learn the history of the guitar and explore the inner workings of the language of music. Students will compose their own music by learning different styles throughout the history of guitar. Students will perform for class or teacher for final evaluation.

Digital Composition

Grade Level: 9, 10, 11, 12

Length: Full Year or Semester

Prerequisites: None

Fee: None

Description: Students will explore creating music with various music technologies. Students will learn how to record, produce, mix, and compose sounds in a wide range of musical styles. The class will contain a personalized curriculum that meets the needs and interests of each individual student supplemented by group projects. The personalized curriculum will allow for students to work within genres of their choosing including, but not limited to, rap, hip-hop and R&B, rock, pop, EDM, jazz, classical, etc. The group project component affords the opportunity for students to encounter a wide range of diverse musical backgrounds and interests, and to have the rewarding experience of creating music in a group setting.

Concert Choir

Grade Level: 9, 10, 11, 12

Length: Full Year; non-auditioned

Fee: \$20 for uniform, travel expenses and music purchased

Description: Students will learn various skills to develop and improve their musicianship including proper singing technique, how to read music, and some music theory and history. This choir performs 3-4 required concerts per year. Members are provided other performance opportunities such as various state and regional honor groups. Grades are based on attendance, participation, and music reading progress as well as written and performance-based assessments.

Varsity Choir

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Audition and music reading skills

Fee: \$20 for uniform, travel expenses and music purchased

Description: Varsity Choir is a select choir consisting of members chosen by audition. Students must have 1 year of concert choir to be considered, or by director recommendation. Members learn various skills to improve their musicianship including proper singing technique and some music theory and history. This choir performs at least 4 required concerts per year as well as clinics, contests, festivals throughout the state, and other performances within the community. Members are provided other performance opportunities such as solo/ensemble contests and various state and regional honor groups. Grades are based on attendance, participation, and music reading progress as well as written and performance-based assessments.

Physical Education

Team Sports/ Individual Sports

Grade Level: 9, 10, 11, 12

Length: Full Year, may be repeated if space is available

Description: This is a very traditional Physical Education class. This course may include Flag Football, Basketball, Volleyball, Soccer, Floor Hockey and Softball. Teamwork and sportsmanship will be stressed as well as proper technique and strategies. The Individual Sports segment of the class will focus on lifetime individual activities. Recreation and leisure will be stressed.

Women's Team Sports/Individual Sports

Grade Level: 9,10,11,12

Length: Full Year, may be repeated if space is available

Description: This is a very traditional Physical Education class for females. This course may include Flag Football, Basketball, Volleyball, Soccer, Floor Hockey and Softball. Teamwork and sportsmanship will be stressed as well as proper technique and strategies. The Individual Sports segment of the class will focus on lifetime individual activities. Recreation and leisure will be stressed.

Women's Fitness

Grade Level: 9, 10, 11, 12

Length: Full Year, may be repeated if space is available
Description: This course will focus on the cardiovascular, muscular and skeletal systems. Units in this class will include kickboxing, step aerobics, Zumba, fitball, yoga, HIIT (high intensity interval training), TRX, Cycling, hiking, swimming, walking and jogging. In the weight training segment students will study the muscular and skeletal systems and will learn basic lifting techniques and safety. There may be periodic fees to cover additional expenses.

Basketball

Grade Level: 9,10,11,12

Length: Full Year, may be repeated if space is available

Description: This class is for the student who is serious about basketball, but not necessarily someone who is looking to play on the high school basketball team. Students will learn the rules of the game, proper techniques, skills, and drills to improve their overall basketball ability. Students will be responsible for creating their own portfolio including their personal philosophy on basketball. Students will also participate in intramural tournaments against other teams within the class.

Strength & Conditioning

Grade Level: 9, 10, 11, 12

Length: Full Year, may be repeated if space is available

Description: This introductory course is designed to teach basic weight lifting/spotting techniques and form. Students will be exposed to aerobic and anaerobic conditioning, plyometrics, strength training, agility drills, core stabilization and flexibility. Skeletal and muscular systems will be studied and applied to physical movement.

Advanced Strength & Conditioning

Grade Level: 10, 11, 12

Length: Full Year, may be repeated if space is available

Prerequisite: Completion of Strength & Conditioning, and/or Teacher Approval

Description: This is an advanced course and will provide the student with an intensive workout designed to teach methods and sport-specific lifts to increase speed, power, strength, and explosion. Emphasis on olympic lifts, plyometrics, flexibility, core stabilization, agility and aerobic and anaerobic cardiovascular training will be included. Nutrition and muscle awareness will also be incorporated.

Women's Advanced Strength & Conditioning

Grade Level: 10, 11, 12

Length: Full Year, may be repeated if space is available

Prerequisite: Completion of Strength & Conditioning, and/or Teacher Approval

Description: This is an all female advanced course and will provide the student with an intensive workout designed to teach methods and sport-specific lifts to increase speed, power, strength, and explosion. Emphasis on olympic lifts, plyometrics, flexibility, core stabilization, agility and aerobic and anaerobic cardiovascular training will be included. Nutrition and muscle awareness will also be incorporated.

Outdoor Education

Grade: 11, 12

Length: One Semester

Fee: \$100

Description: Outdoor Education is an experientially-based program designed to facilitate a deep understanding of the beautiful and complex area in which we live. The course incorporates outdoor skills and experiences with a study of natural and human history, as well as development of ever-important inter- and intra-personal skills (personal responsibility, leadership, integrity, self-awareness, etc.). Through experiences such as backpacking, rafting, snowshoeing, hiking, etc., students will leave this course as competent "outdoorspeople" who are responsible stewards of the natural world.

Science

The new district science graduation requirements (class of 2023 and beyond) are designed to raise the level of science literacy of our students by requiring 5 credits of each of the core sciences. This includes at least a semester of chemistry, physics, biology, and environmental science. This then leaves 10 credits to fill in a variety of ways depending on a student's needs and interests.

The following diagram is not a strict flowchart because there are multiple pathways you can take during your science career. The shaded courses are semester classes. All freshmen will enroll in PreAP Biology. Sophomores through seniors should work on a four year plan that combines either semester courses, year long courses, or a combination of both.

Physics Courses	Chemistry Courses	Life Science Courses	Environmental Courses	Science Elective Courses
Foundational Physics	Foundational Chemistry	Pre AP Biology	Foundational Environmental Science	Riverwatch
AP Physics 1	Chemistry	AP Biology	AP Environmental Science	Forensics
AP Physics C	AP Chemistry			

Pre AP Biology

Grade Level: 9, 10

Length: Full Year

Description: Pre-AP Biology focuses deeply on four core areas: ecological systems, evolution, cellular systems, and genetics. Pre-AP Biology students engage deeply with science practices to construct and revise their biological knowledge as well as cross-disciplinary reading, writing, and data-analysis skills. Students make meaningful connections among the structures, processes, and interactions that exist across biological systems—from cells to ecological communities. Pre-AP Biology motivates students to be active participants in analyzing real-world phenomena and to collaborate productively with their peers in dialogue, investigations, and problem solving. Within this course, the theories of evolution and inheritance help students see the story of how life has unfolded across Earth's vast history. They provide foundational lenses from which students begin to understand and appreciate the extraordinary diversity of life as well as the unity that exists across that life. This course also focuses on the complex and dynamic processes that are required to sustain Earth's biodiversity. By examining these processes, students build an understanding of the intricate relationships of interdependence between living and nonliving systems.

AP Biology

Grade Level: 11, 12

Length: Full Year

Prerequisites: Biology, Chemistry (strongly recommended)

Fee: \$20 & College Board exam fee

Description: This course is equivalent to a 2 semester college introductory biology course. It uses a model of instruction that focuses on enduring, conceptual understandings (evolution, transfer of matter and energy, homeostasis, information transfer, and interactions) and the content that supports them. Inquiry-based learning of essential concepts is emphasized to help develop reasoning skills and use of science practices.

Foundational Chemistry

Grade Level: 10-12

Length: One Semester

Description: This semester course will introduce students to many of the foundational concepts in chemistry which includes: elements, atomic theory and structure, and physical and chemical properties. This course is designed to make chemistry fun, engaging, and interesting. Using engaging investigations students will develop the skills required to use evidence to make logical conclusions and will develop problem-solving and critical thinking skills.

Chemistry

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Math 2 or Teacher Approval

Fee: \$20

Description: This is a college-preparatory course that introduces the concepts of general chemistry. Chemistry is the study of the structure of matter and the changes that matter undergoes. Topics include: atomic structure and the periodic table, compounds and their formulas, chemical equations, chemical-bonding, energy of reaction, acids and bases. Discussions of text material and lectures carry a major portion of the course. Problem-solving activities throughout the course require a strong mathematical background. Students complete laboratory experiments to aid in the understanding of the concepts taught in class.

AP Chemistry

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Chemistry and Teacher Approval

Fee: \$20 & College Board exam fee

Description: This course is a study in upper level Chemistry that is structured around the AP Chemistry curriculum. The course includes advanced application of concepts learned in first year Chemistry as well as many new concepts not previously covered. Quantitative, inquiry based laboratory analysis and problem-solving situations will be a focus of the course; therefore, a strong mathematical background is required. The course is structured to closely reflect what students will see in freshmen level chemistry courses at the college level. Topics include: Structure and Properties of Matter, Chemical Reactions, Thermodynamics, Equilibrium, Kinetics (Rates of Reaction), and Electrochemistry

Foundational Physics

Grade Level: 10-12

Length: One Semester

Description: This semester course will introduce students to many of the foundational concepts in physics. This will include Newton's Laws of motion, forces, energy, and waves. This class will include investigations into how the physical world works. Students will develop evidence based explanations, experimental design, and critical thinking skills.

AP Physics 1: Algebra Based

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Phys/Chem or Space strongly recommended/ must be concurrently enrolled in at least Math 3.

Fee: \$20 & College Board exam fee

Description: This course is an algebra based, first year physics course. The course covers an introduction to vectors; Newtonian mechanics; work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. At the end of the course, students will have the opportunity to take the AP Physics 1 exam to gain college credit for a first semester algebra based physics course.

AP Physics C: Calculus Based

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: AP Physics 1, concurrent enrollment in AP Calculus AB.

Fee: \$20 & College Board exam fee

Description: The course is equivalent to a first-year college Calculus based physics course split into two sections: Mechanics and Electricity & Magnetism. This course follows the syllabi for the two AP Physics C exams and students passing the exams may receive college credit. This course requires and employs a basic understanding of calculus (differentiation and integration) and also requires a prior course in algebra based physics. The prerequisite calculus course may be taken concurrently. The course covers vector multiplication, Newtonian mechanics, Work Energy Theorem, Rotation and Rolling, and Torque. The second semester covers electric charges, electric fields, Gauss' Law, electric potential energy and potential difference, capacitance and dielectrics, DC circuits, magnetic fields, Faraday's Law, Inductance, and Maxwell's equation.

Foundational Environmental Science

Grade Level: 10-12

Length: One Semester

Description: The environment impacts our way of life in many aspects (e.g., food production, resources for building and electronics, water supplies, etc.). Adverse impacts to this environment affect the well-being of humans and other living organisms. Therefore, it is essential that students understand natural environmental systems, physical and social causes of environmental problems, and strategies to mitigate or manage these issues. Students mastering the material of this class will be able to do the following: (1) understand and define terminology commonly used in environmental science; (2) briefly summarize and describe global, regional, and landscape scale environmental processes and systems; (3) students will be able to list common and adverse human impacts on biotic communities, soil, water, and air quality and suggest sustainable strategies to mitigate these impacts; (4) students will be able to read, critically evaluate presented information and data using scientific principles and concepts, synthesize popular media reports/articles discussing environmental issues, (5) apply learned information to hypothetical environmental scenarios to predict potential outcomes, and (6) create, implement and analyze procedures to create a claim to a scientific question.

AP Environmental Science

Grade Level: 10, 11, 12

Length: Full year

Prerequisites: Any two semesters of core science courses (recommended Bio-Ecology, Intro to Environmental) also recommended: Chemistry

Fee: \$20 & College Board exam fee

Description: This course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Topics include Global Climate Change, Biodiversity and Conservation, Human Populations and Sustainability, Agriculture, Energy and Mineral Resource Consumption, Air and Water Pollution, Waste Management, and Human Health in the Environment.

Forensic Science (elective science credit only)

Grade Levels: 11, 12

Length: One Semester

Prerequisites: None

Fee: \$20

Description: This fast-paced, lab-based class is designed to allow students the chance to explore many types of evidence that are used in solving crimes. Students will learn and practice techniques to allow them to process and analyze an authentic crime scene at the end of the semester. Topics include: fingerprints, hair and fibers, crime scene etiquette, drugs and

toxicology, blood and DNA, human remains and entomology, and handwriting analysis with an emphasis in complex reasoning and critical thinking. Please note: colleges do not accept this as a certified lab-based class.

River Ecology (elective science credit only)

Grade Level: 11, 12

Length: One Semester

Prerequisites: Biology Ecology is recommended

Fee: \$20

Description: An interdisciplinary approach will be used to introduce the student to their local environment and their role in it. The local rivers will be used as the unifying theme to study ecology, field biology, evolution, environmental policy, environmental history, and environmental philosophy. There will be an emphasis on data collection and analysis, with students involved in a variety of citizen science projects, including a statewide water monitoring network and an international bird observation database. This course is a field science course and much time will be spent outdoors exploring our local ecosystems.

Social Studies

Geography

Grade Level: 9

Length: Full Year

Description: The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. Students will be writing argumentative essays using primary and secondary sources to support their positions.

World History

Grade Level: 10

Length: Full Year

Prerequisites: American History

Description: This course covers how world cultures have developed throughout history and the impact these cultures have had on one another. The geography standards for citizenship and participatory democracy, cultural diversity, economic development, and global perspectives will be the guiding outline for this course. History will be used to trace the developments of world cultures to contemporary society. Developments in different times and places encompassing Africa, the Americas, Asia, Europe and Oceania will be explored through reading, writing and analyzing sources.

Civics

Grade Level: 11, 12

Length: One Semester

Prerequisites: World History, Geography

Description: In this course, students will explore in more detail the specific aspects of American government. The social studies standards for citizenship and participatory democracy, cultural diversity, economic development, and global perspectives will be taught. The course will also address the Colorado Model Content Standards for Civics. Topics covered will include: the origin of the Constitution of the United States, its background, actual development, its changes, how it has been interpreted, and how the political and legal systems of the United States have developed from it; units of Government, Business, and Labor; the Political Spectrum; Economics; State and Local Government; and Current Issues. A service-learning component is incorporated within this course. Through service learning, students will learn such things as civic virtue, citizenship skills, and the responsibilities of living in a Republic.

Global Issues

Grade Level: 11,12

Length: One Semester or Full Year

Description: Within the last few years, a structure has been developing for understanding the world with a global perspective; that is, a view of the world, which looks at common issues shared by all nations and ways of dealing with these issues. The political spectrum, which influences the way this global perspective is perceived, will be analyzed throughout the course. This course is designed for the student that is interested in the rapidly changing issues that are developing around the world and the impact these changes will have on all world cultures. Through the use of technology, students will learn about current world issues. This course will focus on the RFSD History and Geography Standards: Citizenship, cultural diversity, economic development, and global perspectives. A major portion of the course will be covering the Colorado Geography Standards and the Five Theses of Geography. The instruction will use a wide variety of instructional methods such as simulations, map work, research projects, relevancy development, and the reading of current novels and non fiction materials.

Philosophy & Ethics

Grade Level: 11, 12

Length: Full Year

Description: An introductory look at the various ways people try to answer questions of right or wrong. Using both classical and contemporary resources this course will look at a variety of issues facing our society and the world today. This course seeks give students a philosophical and ethical framework to answer some of the great questions of the present and future. Topics such as political philosophy, the ethics of genetic engineering, the concept of morality, and countless others will be explored. There will be a heavy focus on reading, research projects and seminar based discussion.

Psychology

Grade Level: 10, 11, 12

Length: One Semester

Description: This course offers students an engaging introduction to the essential topics in psychology. Throughout this study of human behavior and the mind, you will gain insight into the history of the field of psychology, as well as explore current theories and issues in areas such as cognition, motivation, learning and memory.

AP Psychology

Grade Level: 11,12

Length: Full Year

Fee: College Board Exam Fee

Description: The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

AP US History

Grade Level: 11, 12

Length: Full Year

Prerequisites: Teacher Approval

Fee: College Board exam fee

Description: This class is an intensive survey of U.S. History from Pre-Columbian times to the present. Students will use a college level text and support materials. Students will write historical essays using a variety of primary source materials in preparation for the AP US History exam in May. Students successfully completing the AP exam may be eligible for college credit depending on the policies of the admitting institution.

AP United States Government Grade Level: 11,12

Length: Full Year
Fee: College Board exam fee
Description: AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to support political positions.

Technology

Digital Video Production

Grade Level: 10, 11, 12
Length: Full Year
Prerequisites: Prior Computer Experience
Fee: \$15

Description: Students will learn video basics such as operation of video cameras and video editing equipment, camera features, camera angles, white balance, and more. They will participate in pre-production, production and postproduction stages of video creation, evaluation and publishing. Students will write scripts, create storyboards, and edit video using video editing software and burn final projects to DVD.

Robotics

Grade Level: 9, 10, 11, 12
Length: Full Year
Prerequisites: Teacher approval
Fee: \$50

Description: Students will learn to design, build, program, and test engineering processes through building robots to compete in the US FIRST Tech Challenge competition. The robots will be designed according to specifications, and will be required to complete various tasks while being controlled through remote control, as well as through autonomous programming. Students will be introduced to engineering principles, drive systems, lift mechanisms, Block Programming, 3D modeling and printing throughout the course. Additionally, students will be required to attend and participate in a minimum of three Saturday events: a scrimmage/build day, the Western Slope FTC Qualifier, and the CO FTC State Championship as part of this course.

Web Design

Grade Level: 10, 11, 12
Length: One Semester
Prerequisites: Prior Computer Experience

Description: Students will be introduced to web development, specifically focusing on user experience, site layout, and the foundations of HTML5 (layout), CSS3 (styling), and JavaScript (interactivity). The class will participate in a semester-long project to work with a local business to completely design a website from the ground up. Students will work in small groups to do a needs-analysis, design a wire-frame sketch, and then build the website according to the specifications of the business.

Computer Maintenance

Grade Level: 10, 11, 12
Length: One Semester
Prerequisites: Interview and Teacher Approval
Fee: \$25

Description: This hands-on class offers an in-depth exposure to computer hardware and software. Students will take apart and rebuild computers, configure computers to work on a network, install operating systems and application software, install peripherals such as scanners and printers, and trouble-shoot hardware and software problems. Students will also research new computer technologies.

Makerspace (Engineering)

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: \$40 + materials

Description: This hands-on course introduces students to the tools and concepts involved in creating solutions to real-world challenges. Students will work with electronics, computer-aided drafting (CAD) and computer-aided modeling (CAM) techniques, pneumatic and hydraulic systems, structural design, and more in designing solutions to engineering problems. Students will utilize hand tools, 3D printers, a CNC mill, and other tools to implement their designs.

AP Computer Science

Grade Level: 11, 12

Length: Full Year

Fee: College Board exam fee

Description: AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

AP Computer Science Principles

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: College Board exam fee

Description: The AP Computer Science Principles curriculum is built around fundamentals of computing including problem solving, working with data, understanding the Internet, cyber-security, and programming. The AP assessment experience includes two performance tasks students complete during the course to demonstrate the skills the student has developed (administered by the teacher; students submit digital artifacts). The second part of the assessment consists of a multiple-choice written exam. On both the through-course assessment and the end-of-course AP Computer Science Principles Exam, students will be asked to apply their understanding of the course learning objectives, including the essential knowledge statements and computational thinking practices."

Theatre

Drama 1 - Introductory Drama

Grade Level: 9, 10, 11, 12

Length: Full Year

Description: The focus of this course is to provide an overview of all aspects of theatre performance, production, and possible careers in theatre.

Semester 1 – Building ensemble, acting skills, staging techniques, original scenes and monologues, and theatre history.

Semester 2 – Script and scene analysis, stage combat. Production aspects: make up, costumes, sets, props. Unified final performance.

Drama 2- Acting & Performance

Grade Level: 10, 11, 12

Length: Full Year

Prerequisites: Drama 1 or Instructor Permission

Description: The focus of this course is to develop the craft of acting and the skills and confidence to take their performances to a higher level.

Semester 1 – Developing acting: theories and techniques. Monologues & Scene study, competitive events (Thespian Conference pieces), Production Design, Elementary/Middle school performance.

Semester 2 - Musical theatre. Tech theatre: lights, sound, stage management, set design. Student directed 10 minute plays.

Drama 3- Acting for Film

Grade Level: 11, 12

Length: Full Year

Prerequisites: Acting and Performance or instructor permission

Description: The focus of this class is twofold. Firstly, to learn the craft of acting for the camera. Secondly, to gain an understanding of some of the great playwrights and their works in performance.

Semester 1 - Fine tuning acting skills. Choosing scripts and recognizing character types. Acting techniques for the camera: Filming solo, duet and group scenes.

Semester 2 - Performance: Public performances to be finalized by the ensemble class. General areas of performance will be: stage play, Improvisation, and short film.

Improvisational Theatre

Grade: 10, 11, 12

Length: One Semester

Prerequisites: None

Description:

Semester 1- Beginning Improv: Essential Improv skills and techniques, Short Form, characters and scene work.

Semester 2- Advanced Improv: Skills development. Long form, musical improv, scene work and performance.

JROTC

Air Force Junior Reserve Officer Training (AFJROTC)

Grade Level: 9, 10, 11, 12

Length: Full Year

Fee: \$35

Credit: 10 Core credit hours can be applied to the following areas: Science, Social Studies, Career Planning and physical education. .

Prerequisites: None

Description: The goal of the program is to instill in high school students the values of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. The course is comprised of Aerospace Science (AS), Leadership Education (LE) and Wellness Training (Physical Fitness).

AS IV Cultural Studies: An introduction to Global Awareness is a customized course about the world's cultures. It is designed to introduce students to the study of world affairs, regional studies, and cultural awareness. It delves into history, geography, religions, languages, culture, political systems, economics, social issues, environment concerns and human rights. It looks at major events and significant figures that have shaped each region. In this age when the Internet, trade, airplane, satellites, and cell phone connect people everywhere, it's more important than ever to understand the world cultures. Even if you never leave the United States, you may find yourself working with or managing people from different parts of the world. If you end up working overseas, you'll find that the more insight you have into other countries' history and customs, the more successfully you'll navigate your way around new and exciting lands.

LE IV Principles of Management: The course provides exposure to the fundamentals of management. We are confident this course, coupled with what you have already learned during your time in AFJROTC, will provide you with the ability to

lead and direct your cadet corps and equip you with the qualities you need to serve in leadership roles. In addition, the material you will learn in this a course will significantly benefit you no matter what you decide to do after high school. Throughout this course are many ethical dilemmas, case studies, and role-play activities built into the lessons that we think you will enjoy.

Wellness Training: Wellness is an official part of the AFJROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age, gender and complements the health and wellness portion of this course.

Elective Classes

Financial Literacy

Grade Level: 10,11,12

Length: One Semester, recommended to pair with Health

Description: Will you control your money or will it control you? Understanding and managing personal finance is key to one's future success. This course focuses on all aspects of personal finance including: money management, banking, investing, budgeting, wise spending, understanding credit, the dangers of debt, student loans, insurance, renting, and identity theft protection. Using real world interactive simulations students will apply decision-making skills to achieve future personal financial wellbeing.

College/Career Discovery

Grade Level: 11

Length: One Semester

Description: Will you control your money or will it control you? Understanding and managing personal finance is key to one's future success. This course focuses on all aspects of personal finance including: money management, banking, investing, budgeting, wise spending, understanding credit, the dangers of debt, student loans, insurance, renting, and identity theft protection. Using real world interactive simulations students will apply decision-making skills to achieve future personal financial wellbeing.

College/Career Discovery 2

Grade Level: 12

Length: Fall Semester

Description: The purpose of the Discovery 2 class is for students to complete the post-secondary plan that was created through the Junior College/Career Discovery Class. This includes completion of college applications, FAFSA, letters of ask, college essay's, etc.

Service Learning

Grade Level: 11, 12

Length: Full Year

Prerequisites: Excellent attendance record

Description: Service Learning is a class at GSHS where juniors and seniors "serve" in the local elementary schools. Service Learners support the education of younger students by reading with them, teaching them math skills, and performing a variety of other duties. Service Learners will spend over seven hours each week volunteering at Sopris Elementary, Glenwood Springs Elementary, and St. Stephen's Catholic School. Some of them are considering teaching as a future career; others just enjoy working with children, helping their community and view Service Learning as a great way to incorporate volunteer work into their high school schedule.

Journalism

Grade Level: 9, 10, 11, 12

Length: Full Year

Prerequisites: None

Description: This class allows students to improve their writing while also researching and writing about the topics most engaging and relevant to them. This class begins with an intensive review of grammar, usage and mechanics. Students will then be introduced to the theory and practical application of journalistic ethics, writing, design, advertising, editing, photography and production in order to prepare to write for the school newspaper.

Journalism II:

Grade Level: 10, 11 12

Length: Full Year

Prerequisites: Journalism I

Description: Students will apply the principles learned in Journalism I by producing the high school newspaper, including all phases of publication. For the 2018-2019 school year, we are continuing with our online paper and seeking students with interest in marketing as well as writing. The course is primarily student run, requires out of school time commitments, and is designed for students who are responsible and independently motivated.

Mock Trial

Grade Level: 9,10,11,12

Length: Full Year

Fee: \$75 plus additional charges for traveling/registration fees (fundraising will cover some of the costs)

Description: Students learn about the American Court System by preparing three cases for trial throughout the school year. All participants will be required to learn a fact pattern and to perform that pattern in the roles of witnesses and attorneys in these cases. Students will do extensive writing and public speaking and participate in the Providence Cup Mock Trial Tournament in Denver in October and the Colorado High School Mock Trial Regional Tournament in Grand Junction in February. This class teaches not only law related matters such as the Rules of Evidence and court procedural rules but also teaches creative thinking and writing skills. Students are expected to attend practices (usually one per week) outside of class.

Work Experience Program

Grade Level: 12

Length: One Semester or Full Year

Prerequisites: Counselor approval

Credits: 5 credits//90 hours worked

Description: The Work Experience Program focuses on students who want a real life work experience to develop employability behaviors and develop vocational skills. Students are required to obtain their own jobs and turn in authentic pay stubs as proof of their ongoing employment throughout the school year. Students must work a minimum of 90 hours during the given semester in order to earn credit.

Athletic Director Assistant

Grade: 12

Length: Full Year

Prerequisite: Application and interview required.

Description: Students will gain an awareness of primary work responsibilities and functions within a high school athletic department through this supervised internship. Coordination of sports within the athletic department and the integration of the department within the broader institution, WSL athletic conference, and other organizations will be taught. A focus will be upon modern and emerging technology systems and their applications in administering high school athletic functions. Students will develop an appreciation of the unique dynamics associated with the sports communication field by preparing a sports story, a sports news release, and/or a sports opinion piece via traditional print media or electronic media. A review of journalist ethics will be included.

Sports Medicine

Grades: 10, 11, 12

Length: Full Year

Prerequisites: Recommended: Anatomy or Human Physiology; required: Application and Interview

Fee: \$20.00 for tape and taping supplies

Description: Students will explore the human body with emphasis on taping and managing sports related conditions. Students will be expected to participate in either lunch time or after school observation in the Athletic Training Room with occasional supervised taping. Students will be given the chance to shadow the Certified Athletic Trainer at home sporting events and participate in community covered events. The instructor will have the discretion to drop any student they feel is not able to keep up with the material and have a grade of 2 or lower. Due to the rigorous nature of the class applications are required.

Sports Medicine II

Grade Level: 11,12

Length: Full Year

Prerequisites: Completion of Sports Medicine I required.

Description: This class is a continuation of Sports Medicine I. We will pick up where Sports Medicine I left off. We will explore the spine, shoulder, elbow, wrist and hand, environmental considerations, face, muscle physiology, and abdomen. Course will include lectures, tests, hands on evaluations, and class projects. After school and lunchtime volunteering mandatory at least once a week. Instructor reserves the right to drop any student at semester that is not regularly attending class, and/or has a grade of 2 or lower.

Teaching Assistant (TA)

Grade Level: 11, 12

Length: Full Year

Prerequisites: Proficiency in one or more core academic areas

Description: Students are invited to apply for a TA position in which they will be actively teaching other students in core academic subject areas. TAs will earn volunteer/service hours and a \$500 scholarship to the college/university they attend. To apply, list this course on your course request form, and your counselor will follow up with you about the application process.

Youth Entity

All Youthentity Programs must be registered for through your school and with Youthentity at www.youthentity.org

Youthentity Design Team

Grade Level: 9, 10, 11, 12 - 5 credits per semester

Prerequisites: Counselor Approval

Description: Each year the Youthentity Design Team works on a real-world design project. This team experience will give you insight into the field of architecture, landscape design and city planning. Over the past three years the team has completed projects for the Town of Basalt including the Basalt Community Campus project, a proposal for a performing arts center, a master plan for the town, and the redevelopment of the property now occupied by Clark's Market.

Tuition Fee: None. **Dates/Times:** Wednesdays, 4pm – 6 pm. Fall semester only. Exact dates TBD. **Location:** Youthentity Center in Carbondale. Students must provide their own transportation, RFTA bus passes offered for free if needed. **Instructor:** Gino Rossetti, American Institute of Architects Fellow **Grading:** pass/fail based on student attendance and participation.

Engineering & Construction Company

Grade Level: 9, 10, 11, 12

Prerequisites: Counselor Approval

Description: Youthentity Parental Permission Slip and Parent/Student Contract Learning about the many careers and earning potential of the Engineering and Construction industry through professionals from Gallegos Corporation, Gould Construction and more. Complete a team construction project such as last year's dog palace, a 50 sq.f.t home for two dogs. Learn about the many avenues to get started in this industry and whether this industry is for you.

Tuition Fee: \$25 **Dates/Times:** Wednesdays 3:30 pm – 6:00 pm. **Fall Semester Location:** Gould Construction in Glenwood Springs near the Thunder River Market. Students must provide their own transportation, RFTA bus passes offered for free if needed. Bus passes provided by Youthentity. **Instructors:** Mark Gould Jr. (Gould Construction), Seth Cole (Gallegos), Sandy Lowell (formerly Wagner Equipment), Kirsten McDaniel (Youthentity). **Grading:** Letter grade based on student attendance and participation.

YouthChefs Baking and Pastry Arts

Grade Level: 9, 10, 11, 12

Credits: 5 per semester

Prerequisites: Counselor Approval

Description: Youthentity Application and Interview YouthChefs at Youthentity is a professional development program for community youth based on classical European baking and pastry techniques with a modern American twist. Under the guidance of their coach, a professional Pastry Chef, students will learn professional culinary techniques and will prepare and cater a pastry and chocolate buffet for 75+ guests as their final project.

Tuition Fee: \$50 (includes a chef's jacket, hat and apron). Total Cost: The total cost of the program is over \$1,000 per student and is funded by Youthentity with the exception of the \$50 tuition fee. **Dates/Times:** Wednesdays and Thursdays, 4 pm – 7pm + graduation event prep time. Offered fall semester. **Location:** Youthentity in Carbondale. Students must provide their own transportation, RFTA bus passes offered for free if needed. **Instructor:** Kelly Yepello, Yepello Chocolates & Confections **Grading:** Letter grade based on attendance and participation (80%) and recipe note-taking (20%).

ProStart® at Youthentity: Foundations of Restaurant Management and Culinary Arts – Level Two

Grade Level: 11, 12

Credits: 20 per year

Prerequisites: Counselor Approval

Description: Youthentity Application and Interview ProStart at Youthentity is a food service hospitality management program and magnet program for all students in the Roaring Fork School District. ProStart Level Two covers topics such as: salads and garnishing, meat, poultry and seafood, desserts and baked goods, purchasing, nutrition, costing, and marketing. The course is offered primarily to juniors and seniors. Juniors are encouraged to take ProStart – Level One their senior year (both semesters) to finish out the two-year program & earn their national certificate. Seniors in this class will not have the opportunity to complete the 2- year program, but will still have great opportunities through being in the class. ProStart is a nationally certified program that introduces students to a wide variety of careers in the hospitality industry. The curriculum is based on a study of food preparation, lodging, customer service and business management. **Students can earn a national certificate that will give them college credit and scholarship opportunities.** To earn the national certificate, students will need to take Pro Start Level Two the following year, obtain 400 hours of mentored work experience (within the 2 years), earn a 70% or higher grade in both classes, and pass both year 1 and year 2 national exams. ProStart is a registered trademark of the National Restaurant Association Education Foundation.

Tuition Fee: \$100 (includes a chef's jacket, hat and apron). Total Cost: The total cost of the program is \$2,500 per student and is funded by Youthentity with the exception of the \$100 tuition fee. **Dates/Times:** Mondays and Tuesdays, 4 pm – 7pm. Full-year program. **Location:** Youthentity in Carbondale. Students must provide their own transportation, RFTA bus passes

offered for free if needed. **Instructors:** Kirsten Petre McDaniel (MBA), Matt Maier (Culinary Institute of America)
Grading: Letter grade based on attendance and participation (60%), homework (20%) and final exam (20%).

CMC Dual Enrollment Courses

The following courses are offered during the school day and fit into the GSHS bell schedule. These courses require an additional registration process and student are responsible for completing the registration materials according to the CMC registration timeline. Fall Courses: priority deadline 3/13/19

PHI-218 Environmental Ethics (3 Credits) Fall Semester

Grade: 10, 11, 12

Prerequisites: Placement testing (SAT score or Accuplacer): College Level Reading

Description: Critically analyzes theories of value of the natural world. Topics include the relationship between scientific and moral principles; theories of the moral worth of persons, animals, plants, and other natural objects; historical, religious, and cultural influences on conceptions of nature; alternative accounts of human relationships and responsibilities to nature including deep ecology and eco-feminism; and the connection between moral and political values and economic policies. This is a statewide Guaranteed Transfer course in the GT-AH3 category. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

SOC-101 Introduction to Sociology I (3 Credits) Fall Semester

Grade: 10, 11, 12

Prerequisites: Placement testing (SAT score or Accuplacer): College Level Reading

Description: Examines the basic concepts, theories, and principles of sociology as well as human culture, social groups, and the social issues of age, gender, class, and race. This is a statewide Guaranteed Transfer course in the GT SS3 Human Behavior Category. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

PSY 249 Abnormal Psychology (3 credits) Fall Semester

Grade: 10, 11, 12

Prerequisites: Placement testing (SAT score or Accuplacer): College Level Reading

Description: Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a statewide Guaranteed Transfer course in the GT SS3 Human Behavior Category. Dual Credit - CMC Registration required. Student responsible for book fees. This is a statewide Guaranteed Transfer course in the GT SS3 Human Behavior Category. Dual Credit - CMC Registration required. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

PHI-111 Introduction to Philosophy (3 Credits) Spring Semester

Grade: 10, 11, 12

Prerequisites: Placement testing (SAT score or Accuplacer): College Level Reading

Description: Introduces significant theoretical and practical questions and emphasizes understanding the meaning and methods of philosophy. Includes: the human condition, logic, reality, knowledge, freedom, history, ethics, and religion. This is a statewide Guaranteed Transfer course in the GT-AH3 category. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

ENV-110 Natural Disasters (3 Credits) Spring Semester

Grade: 10, 11, 12

Prerequisites: Placement testing (SAT or Accuplacer): College Level Reading

Description: Introduces the student to the different types of natural hazards, their causes, effects, and what can be done to reduce the risks to human populations. Scientific advances related to understanding, predicting, and preparing for natural disasters are discussed. This course also covers anthropogenic changes to Earth systems which may be increasing the frequency and severity of these events. This is a statewide Guaranteed Transfer course in the GT-SC2 (no lab) category. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

PSY-235 Human Growth & Development (3 Credits) Spring Semester

Grade: 10, 11, 12

Prerequisites: Placement testing (SAT score or Accuplacer): College Level Reading

Description: Examines human development from conception through death emphasizing physical, cognitive, emotional, and psychosocial factors. This is a statewide Guaranteed Transfer course in the GT SS3 Human Behavior Category. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

Business Courses:

BUS-115 Introduction to Business (3 Credits)

Grade: 10, 11, 12

Prerequisites: Placement testing: College Level Reading

Description: Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, government regulations, tools of business, and social responsibilities. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

BUS-102 Entrepreneurial Operations (3 Credits)

Covers the major aspects of small business management to enable the entrepreneur to successfully begin his own business. This course provides the basic concepts of marketing, principles of management, and finance needed to manage a small business. Further, it develops the business plan and suggests methods of obtaining the financing required to launch the business. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

Career Technology Courses:

NUA-101 Nurse Aide Health Care Skills (4 Credits) and NUA 170 Nurse Aide Clinical Experience (1 credit)

Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, restorative services, personal care skills, safety, and emergency care issues are covered. Includes knowledge and/or principles of asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity, and principles of mental health will be addressed, as well as patient/resident rights. NUA-170 Nurse Aide Clinical Experience must be taken concurrently..Applies knowledge and skill gained in NUA-101 to patient care. Travel Required. Dual Credit - CMC Registration required. Student responsible for book fees. Course taught at the CMC - Glenwood Center 1402 Blake Ave.

DEV ED COURSES:

MAT-050 Quantitative Literacy (4 Credits) Year long

Grade Level: 11, 12

Length: Full Year

Prerequisites: None

Description: Develops number sense and critical thinking strategies, introduces algebraic thinking, and connects mathematics to real-world applications. Topics in the course include ratios, proportions, percents, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies. This course is the Prerequisite for college level math including Statistics. CMC registration required for college credit.

MAT-055 Algebraic Literacy (4 Credits)

Grade Level: 11, 12

Length: Full Year

Prerequisites: Math 2

Description: Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. This course is the prerequisite for College Algebra. CMC registration required for college credit.

CCR-092 College Composition & Reading (5 Credits) Year long

Grade Level: 12

Length: Full year

Prerequisites: Counselor Approval

Description: Integrates and contextualizes college-level reading and writing. Students will read and understand complex materials and respond to ideas and information through writing informative and/or persuasive texts. This course is the prerequisite for English Composition and college level courses other than math. CMC registration required for college credit.