



Prepare | Explore | Empower

2024 - 2025

**The Academy
High School
Course Description Catalog**



Prepare | Explore | Empower

THE ACADEMY PATHWAYS TO GRADUATION

“Creating Pathways to Success”

VISION

All students have learning opportunities to identify their passions and create an education plan that directly impacts their future goals.

MISSION

Create a learning environment that encourages students and families to explore options, create long-term goals, and implement a high value plan that leads to their post-graduation success.

The Academy aims to:

- **Inspire students:** Differentiate The Academy by organizing around the student. Establish a program to enable students to follow their strengths and passions by integrating careers, colleges, and intentional post high school planning into the student’s education.
- **Tailor plans:** Customize individual student plans to maximize the value of all course work and college preparation.
- **Integrate College classes:** Increase the opportunities for college-level learning through concurrent enrollment and AP courses.
- **Incorporate Blended Learning:** Expand our offerings beyond the “four walls” of The Academy.
- **Develop Strategic Partnerships:** Create partnerships with local colleges and businesses to support the mission.

STRATEGIC GOAL

The Academy Strategic Plan states:

All high school students will create a 4-year academic, elective, and extracurricular pathway with an eye on exploring their current passions as well as working to identify new ones.

The Academy Board strongly believes the success of our students is our number one priority. This goal establishes the way The Academy prepares our students for success after High School and sets up a method for tracking our success.

As part of the *Pathways to Graduation*, your counselor will work with you and your family to help you develop the best plan possible. You will meet with your counselor during the year to review your academic plan and tailor it to meet your future goals. Your plan will be an agreement between you, your family, your counselor and the school and will be used to provide as many opportunities as possible for your time at The Academy.

In selecting your courses for next year, think about creating a course of study that will best prepare you for life after high school. Merely meeting graduation requirements is not the goal. Your goal is to select courses that will provide you with the best high school preparation for whatever you choose to do after high school. The best plan includes four full years of English, Math, Social Studies, and Science. To be prepared for college level coursework, The Academy minimum graduation requirements meet the expectations of colleges and universities by adhering to the HEAR (Higher Education Admissions Requirements) outlined later in this section.

Prior to meeting with your counselor you should:

- Review the graduation requirements
- Assess your strengths and weaknesses
- Research colleges and careers that interest you

- Review the college entrance requirements to include the specific major that peaks your interest
 - Review the course offerings
 - Read the course descriptions
 - If you are an athlete, in band, choir, or Student Government, you should know and understand the eligibility requirements.
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LIST OF VARIOUS PATHWAYS

Traditional with Advanced Placement The traditional high school with optional AP path is a rigorous education focused on preparing students for a range of post-secondary options with a focus on admission to 4 year universities. Classes have a College Board approved curriculum and are taught at The Academy by qualified instructors. Students that successfully complete an AP class will be eligible to take the corresponding AP test to obtain college credit (3rd party fees apply). College credit is not guaranteed and is awarded by the student's selected college. Check with your desired college or university to determine their credit, tuition, and fee policies in regard to AP credit.

This path maximizes the post-secondary educational opportunities and is ideal for students focused on top universities and colleges, both in and out of state, or for students that are undecided on post-secondary plans. Students will be encouraged to use their enrichment credits to create a well-rounded college applicant with 3-4 years in Core subject content.

Advanced Placement (AP) is a program created by the College Board, which offers college-level curricula and examinations to high school students. American colleges and universities often grant placement and course credit to students who obtain high scores on the examinations. The AP curriculum for each of the various subjects is created for the College Board by a panel of experts and college-level educators in that field of study. For a high school course to have the AP designation, the course must be audited by the College Board to ascertain that it satisfies the AP curriculum. If the course is approved, the school may use the AP designation and the course will be publicly listed on the AP Course Ledger.

Concurrent Enrollment/College Credit Concurrent enrollment classes provide students with an opportunity to earn college credit while still in High School. The Academy, in partnership with Front Range Community College (FRCC), offers several courses that will meet HS graduation requirements and provide college credit at the same time. Some courses are taught at the Academy by teachers certified as adjunct faculty from FRCC. Other courses are offered at FRCC and students have the opportunity to attend them on campus at FRCC.

Concurrent enrollment at Front Range Community College is available to all high school students. To qualify for this opportunity, a student must first complete prerequisites which may include:

- Accuplacer Test or SAT scores
- College entrance requirements
- Prerequisite course completion

Below are the facts you should know:

- Students and parents/guardians are required to complete and agree to the conditions stated on the Concurrent Enrollment College Agreement Form (see your counselor for details).
- Concurrent Enrollment students earn both high school and college credit for the same course.
- High school credit will be awarded at .5 credit for all 3 college credit classes and .75 for 4 or more college credit courses.
- Tuition is paid by The Academy; students are responsible for all FRCC fees, books and supplies.
- Students should check with their transferring institution regarding the transferability of course.
- Students may register for two Campus Select FRCC classes per semester (see [FRCC Packet](#) for details).

As part of the Pathways program students have opportunities to explore areas not currently offered as a part of The Academy standard courses. Independent study, online classes, and internships can be approved for elective credit by the HS principal. These courses are approved on a case by case basis. Capacity may be limited so work with your counselor to plan in advance. Students should prepare a proposal that includes the following elements for consideration and approval:

- Type and name of course or internship
- Academic value of the course
- How it aligns to your post-graduation goals

Independent Study The Independent Study Program allows students to pursue their passion by proposing, justifying, coordinating, and organizing a course of self-study. This program is initiated by the student creating a Project Initiator to outline the benefits of the proposed course work. Independent study courses are one semester in length and will be moderated by a mentor. Proposals are evaluated on a case by case basis, and must be approved by a High School Counselor and the High School Principal.

Benefits include: Enrichment in areas outside the existing offerings, investigation of trades or professions, acceleration in advanced or specific academic disciplines.

- Students must be in 11th or 12th grade (9th or 10th with Principal approval) prior to starting the Independent Study class.
- Students must complete the application process and have their proposal approved by a High School Counselor and the High School Principal.
- Students must meet all deadlines as outlined for inclusion in their selected term.
- Students must have demonstrated the ability to learn and work independently.

Internships The Work-Based Learning Program allows students to gain real world experience and apply their academic learning in a real world scenario. The intent of the program is to allow students to investigate careers and learn practical skills that will assist in the transition from the classroom to the workforce.

Internships and Work Study placements are a semester or year in length and will be moderated by a teacher/mentor. Proposals are evaluated on a case by case basis, and must be approved by a High School Counselor and the Director of Work-Based Learning. Academic deliverables may be required outside of the time on the job.

Benefits include: Real world experience, career investigation, benefit to college application, team work

Online The online path allows students opportunities for credit recovery. A full four-year online experience is not available at The Academy.

THE ACADEMY HIGH SCHOOL PROGRAM OVERVIEW

THE ACADEMY GRADUATION REQUIREMENTS

The Academy is committed to ensuring that every student is college and career ready. Students must meet the following requirements in order to graduate and receive a high school diploma. Students will create and complete an Individual Career and Academic Plan (ICAP), sometimes called a Pathways Plan, that meets the graduation requirements. In grades 9-11, counselors meet to discuss the student's Pathway, credits and grades, and choose courses for the following year that align with the student's interests and future college and career goals.

Students must satisfy all the following requirements:

- ❖ English 4 credits
- ❖ Math 4 credits
- ❖ Science 3 credits
- ❖ Social Studies 3 credits *Civics (0.5), World Geo (0.5), World History (0.5), US History (1.0), SS elect (0.5)*
- ❖ World Language 2 credits of the same language
- ❖ Physical Education/Health 1 credit
- ❖ Electives 7 credits
- ❖ TOTAL 24 CREDITS

Demonstrate competence in English and Math (Referred to as graduation guidelines by CDE)

In addition to the 24 credits listed above, students are required to demonstrate **College and Career Readiness** in both English and Mathematics by achieving a minimum score in at least ONE of the competency demonstrations.

TESTING BASED ASSESSMENTS	
ENGLISH	MATH
SAT	
470	500
ACT	
18	19
Advanced Placement (AP)	
2	2
Accuplacer	
241 on Reading or 236 on Writing	255 on Arithmetic or 230 on Quantitative Reasoning, Algebra, and Statistics
ACT WorkKeys	
3 Bronze level or higher	3 Bronze level or higher
ASVAB	
31	31
International Baccalaureate (IB)	
4	4
Performance Based Assessments:	
Capstone	
Concurrent Enrollment	
Industry Certificate	

TOTAL OF 24 CREDITS IS THE MINIMUM TO GRADUATE

* denotes course is a graduation requirement	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ENGLISH 4 credits	English 9 English Options	World Literature English Options	American Literature AP Literature AP Language CE Composition English Options	Senior English AP Literature AP Language CE Composition English Options
MATH 4 credits	Algebra I Geometry Algebra II Math Options	Geometry Algebra II Trig/Pre-Calculus Math Options	Algebra II Trig/Pre-Calculus Probability, Statistics, & Financial Algebra Calculus	Trig/Pre-Calculus Calculus AP Calculus Probability, Statistics, & Financial Algebra
*More advanced students may take math courses at a higher level as deemed appropriate. Pre-Algebra does not count as a math credit at the high school level. It does count for an elective credit.				
SCIENCE 3 credits (2 Lab Based)	Biology	Chemistry Human Anatomy Environmental Science	Chemistry Environmental Science Human Anatomy Physics AP Biology AP Chemistry	Human Anatomy Physics AP Chemistry AP Biology AP Physics
SOCIAL STUDIES 3 credits	World Geography World History	World Geography US History World History CE World History	US History World History CE World History AP US History	Civics and Economics AP Govt. and Politics CE World History
WORLD LANGUAGE 2 credits (same language)	Spanish I Spanish II	Spanish I Spanish II Spanish III	Spanish I Spanish II Spanish III Spanish IV	Spanish II Spanish III Spanish IV AP Spanish
PHYSICAL EDUCATION 1 credit	Health* & Fitness .5 credits can be earned per school interscholastic sport			
ACADEMIC ELECTIVES 7 credits	Acceptable Academic Electives include additional courses in English, mathematics, natural/physical sciences and social sciences, foreign language, art, music, journalism, theater, computer science, Advanced Placement, Entrepreneurship, Internship and other appropriate CTE courses, Leadership, Student Aide, Independent Study, and any other electives.			

HONORS RECOGNITION

Honors is denoted on the transcript and best prepares students for AP or CE courses, though it is not weighted. (Only AP and CE classes are weighted on a 5.0 GPA scale.)

CORD DISTINCTIONS/GRADUATION HONORS

Gold Cord	Summa Cum Laude	4.0 + GPA
Silver Cord	Magna Cum Laude	3.75 - 3.99
Bronze Cord	Cum Laude	3.50 - 3.74
FRCC Honor	Blue/White Cords	
Interact Club	Yellow/Teal Cords	
NHS	Gold/Royal Blue Cords	
Seal of Biliiteracy	Purple Cord	
Stuco	Burgundy Cord	
Top 10	White Honor Stoiles	
Tri-M	Gold Medallion	
Music Honors	Pink Cord	

Philosophy Statement:

All students will be given the opportunity to explore class content at a greater depth, requiring further evaluation of information and synthesis between topics. Students will develop their critical thinking, problem-solving, and analysis skills at a higher level.

To earn Honors Credit:

Category	To earn honors:
Classwork/ Homework	Attempt 80% of honors work
Projects/Essays	Attempt ALL honors extensions or choices
Tests	Complete ALL honors questions with 60% correctness or greater

“◇” denotes course that offers an honors option

ADMISSION ACADEMIC REQUIREMENTS

In October 2003, the [Colorado Commission of Higher Education](#) (CCHHE) adopted the Higher Education Admission Requirements which are entry requirements for students planning to attend any of Colorado’s public four-year colleges or universities. Private colleges and universities set their own admission standards, so students should contact those institutions directly for information regarding their enrollment policies. Additionally, public two-year colleges have open enrollment policies, meaning that students applying to these schools do not need to meet the following admissions requirements.

Students planning to attend a four-year college or university in Colorado will need to complete the following classes in order to fulfill the Higher Education Admission Requirements. In addition to the Higher Education Admission Requirements, students must also meet the Admission Eligibility Index. Meeting the Higher Education Admissions Requirements (HEAR) does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements.

COLORADO COMMISSION OF HIGHER EDUCATION REQUIREMENTS	
English	4
Math (Algebra 1 level or higher)	4
Science (two of which are lab-based)	3
Social Studies (including one year of US or World History)	3
World Language (must be the same language)	1
Academic Electives	2
Total	17

*Acceptable Academic Electives include additional courses in English, mathematics, natural/physical sciences and social sciences, foreign/world languages, art, music, journalism, computer science, and Advanced Placement or community college courses.

Students are responsible for meeting their college choice of admission requirements. Students should review the admission requirements to ensure they meet the required standards. Contact your Counselor if you have any questions.

COLLEGE BOUND ATHLETES

If you are planning to enroll in college as a freshman and you wish to participate in Division I or II athletics, you must be certified by the NCAA (*National Collegiate Athletic Association*) Initial-Eligibility Clearinghouse. The Clearinghouse eligibility ensures consistent application of NCAA initial-eligibility requirements for all prospective student athletes at all member institutions. Athletes need to start the certification early - **by the end of the junior year or start of the senior year**. This can be done at the NCAA website, www.eligibilitycenter.org. The registration fee is \$90 for students from the United States and its territories, and Canada. The registration fee is \$150 for students from all other countries. Some students may be eligible for a fee waiver.

To be certified by the Clearinghouse, you must:

Achieve the minimum core requirements for
Division I and Division II schools.

Core course requirements (2.3 GPA), Division I, and II-Units are years of study		
	Division I	Division II
English	4	3
Math (Algebra I or higher)	3	2
Natural/Physical Science (1 yr. of a lab science)	2	2
Additional English, math, or natural/physical science	1	3
Social Studies	2	2
Additional academic courses (from English, math, science, social studies, non-doctrinal religion, foreign language, philosophy)	4	4
Total	16	16

** Have SAT scores sent directly to the NCAA by visiting www.collegeboard.org and using code #9999 for the NCAA.

The Academy's graduation requirements meet and exceed NCAA requirements. However, it is the student athlete responsibility to achieve the required GPA and standardized test scores. (Note that online courses do NOT meet NCAA requirements.)

SCHEDULE CHANGE POLICY

Schedules are built based on student requests and changes impact class size and availability across the entire master schedule.

Schedule changes will be made for the following reasons:

- A course has a prerequisite not yet met by the student
- A course is double scheduled
- The student has earned previous credit in a course
- A course is required for graduation
- Grade level misplacement
- Courses will be added to complete a student's schedule
- Extenuating circumstances as approved by the HS Principal

Students are to email their counselor for a schedule change request. Requests must be received by the end of the first week of the semester.

THE ACADEMY HIGH SCHOOL COURSE OFFERINGS

HIGH SCHOOL ENGLISH

◇ ENGLISH 9

ENG 101 A/B

Open to Grade 9

Yearlong Course

Prerequisite: None

English 9 is a genre-driven course, focusing on various genres of literature and modes of writing. Outside readings and projects, both long and short-term, are assigned in addition to the work done in class. Genres covered in the course include, but are not limited to, poetry, memoir, expository essays, short stories, novels, and Elizabethan drama. Critical thinking and reading strategies are introduced and explored. Composition skills are emphasized and developed through research-based writing and literary analysis.

◇ WORLD LITERATURE

ENG 201 A/B

Open to Grade 10

Yearlong Course

Prerequisite: None

World Literature focuses on the importance of storytelling to the human experience. Students read, discuss, and respond in writing to a variety of myths, short stories, and poetry from a variety of cultures from around the world. Throughout the course students learn about the universal connections found in the literature of all cultures, how their voice fits in as a citizen of the world and how their personal stories have shaped them to be the person they are. Students respond critically to the literature through various writing activities, with the integration of vocabulary and literary elements.

AMERICAN LITERATURE

ENG 301 A/B

Open to Grade 11

Yearlong Course

Prerequisite: None

This course explores how our identity as Americans has evolved throughout our history and literature. We examine the effects that historical events have on literature, and vice versa. The course is arranged thematically, focusing on the following topics: Patriotism, Equality, Freedom and Loyalty, and Individualism, students will critically read and write about some of our nation's most important pieces of literature, and how it affects us as Americans. Mastering research writing is a large portion of this course, as is literary analysis writing using The Academy Common Writing Rubrics.

SENIOR ENGLISH

ENG 408 A/B

Open to Grade 12

Yearlong Course

Prerequisite: None

Senior English is designed to provide students with the reading and writing skills necessary to be successful as college students and global citizens. Students explore argument and rhetoric skills in a variety of fiction and non-fiction texts. As writers, students in this class will be using The Academy Common Writing Rubrics to become independent in the writing process in a way that will help them succeed in academic and real-world situations. Students are required to explore the following genres: college entrance essays, literary analysis essays, dramatic performance, critical theory, research skills, and personal speeches. Reading instructional techniques are grounded in close analytical reading, small and large group discussion, and reader response writing opportunities. Literally, the class will take students on a reading journey from 17th century Shakespearean works to texts as current as the global village can provide.

ENGLISH OPTIONS

ENG 105 A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: Need for credit recovery due to a literacy deficit or need for literacy intervention

Teacher Recommendation: Yes

English Options is a dual purpose course designed to provide students with explicit reading and writing interventions while supporting them in their traditional English course. Students eligible for English Options include those with credit deficits in Language Arts and students with a need for literacy intervention. This highly differentiated class focuses on providing students with reading and writing choices at their current literacy level while boosting their skills to bring their literacy achievement up to grade level. Daily instruction of reading strategies and focused

instruction in the Academy Common Writing Rubrics and program along with teaching of study success skills helps English Options students get caught up to grade level in English.

AP LANGUAGE & COMPOSITION

ENG 302 A/B

Open to Grades 11, 12

Yearlong Course

Prerequisite: None

Teacher Recommendation: Yes NOTE: Teacher recommends previous course grade C or better.

Course Fee: None for the course; there is a fee for the College Board exam

The AP Language and Composition Course is designed as a rigorous course of study designed to develop critical thinking skills in reading and writing. We will develop these skills through the analysis of nonfiction, visual images, and the spoken word. As stated in the AP English Language and Composition course description: "An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing."

AP LITERATURE

ENG 402 A/B

Open to Grades 11, 12

Yearlong Course

Prerequisite: AP Language & Composition or an Honors English course

Teacher Recommendation: Yes. NOTE: Teacher recommends previous course grade C or better.

Course Fee: None for the course; there is a fee for the College Board exam

AP Literature is essentially a college-level course taught on a high school campus. Aligned to the standards and expectations articulated by the College Board to prepare students for the AP English Literature exam, this course takes students through a variety of literature, including poetry, short stories, novels, and plays. College credit can be earned via the AP Literature exam. Generally speaking, a score of "3" or higher (out of 5) can earn a student college credit, although qualifying scores vary from institution to institution. Regardless of the college credit you earn, this course will prepare you to gain the skills necessary to achieve the analytical reading, writing, and discussion that will be required of you in college courses. We will study the relationship between literature and life by learning and exploring the world and ourselves through the literature we read.

HIGH SCHOOL MATH

◇ ALGEBRA I

MAT 101 A/B

Open to Grades 9, 10

Yearlong Course

Prerequisite: Math 8 or Pre-Algebra

Teacher Recommendation: No

Course Fee: None (TI 83 or TI 84 calculator required)

The Algebra I class follows the Pearson EnVision Math 2.0 Algebra I curriculum. This course is an in depth study of algebraic concepts which include solving and graphing different types of equations and inequalities; manipulating and transforming equations and expressions; and utilizing the concepts learned to apply them to real world problems. Students will also begin the study of quadratic, exponential, and polynomial functions. This course is required for graduation.

◇ ALGEBRA II

MAT 101 A/B

Open to Grades 9, 10, 11

Yearlong Course

Prerequisite: Algebra I and Geometry

Teacher Recommendation: No

Course Fee: None (TI 83 or TI 84 calculator required)

This second course in algebra is designed to give the student the necessary skills and content for upper level high school or post-secondary mathematics. The topics will include but will not be limited to: a brief review of first-year algebra; linear equations, functions, and inequalities; absolute value equations and inequalities; properties and graphs of functions; linear systems; matrices; quadratic equations and functions; polynomials and polynomial functions; radical functions; rational functions; an introduction to exponential functions; an introduction to logarithmic functions; and applications. This is a college preparatory mathematics course and is required for admission for most 4-year colleges and universities.

◇ GEOMETRY**MAT 102 A/B****Open to Grades 9, 10****Yearlong Course****Prerequisite: Algebra I****Teacher Recommendation: No****Course Fee: None (TI 83 or TI 84 calculator required)**

This course is a comprehensive study of plane Geometry. Students must have a solid foundation in Algebra I, as this class has Algebra skills interwoven throughout the course. Topics covered include: tools of Geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, right triangles and trigonometry, quadrilaterals, area surface, volume, similarity, transformations and circles. This is a college preparatory mathematics course and is required for admission for most 4-year colleges and universities.

◇ TRIGONOMETRY & PRE-CALCULUS**MAT 304 A/B****Open to Grades 10, 11, 12****Yearlong Course****Prerequisite: Algebra II****Teacher Recommendation: Yes, teacher recommends previous course grade C or better.****Course Fee: None (TI 83 or TI 84 calculator required)**

This course is designed to prepare upper level high school students for the rigors of Calculus or post-secondary mathematics. A graphing calculator (TI-83 or TI-84 models) is required especially for modeling mathematical behavior. Topics will include: a brief review of Algebra II, properties of major functions and their graphs; a continued discussion of polynomials and polynomial functions; rational functions; solving and graphing exponential and logarithmic equations; trigonometric functions and their graphs, including theory and proof; matrices; conic sections; an introduction to discrete mathematics; and applications of the above mentioned topics.

FINANCE**MAT 310 A/B****Open to Grades 12****Yearlong Course****Prerequisite: Algebra II****Teacher Recommendation: No, as long as the student passes/is passing Algebra II.****Course Fee: None, students may be charged for travel/food expenses for possible field trip(s).**

This yearlong course uses the Next Gen Personal Finance (NGPF) curriculum as a guide. NGPF began in 2010 and has a goal of having all high school students in the U.S. complete at least 1 semester of Personal Finance by the year 2030. Finance skills and knowledge are relevant and necessary for students going onto college, the work force, or into the military. The material provided in this curriculum is current and provides real-world examples. Each topic is connected to a math concept, which follows Colorado State Standards and National Standards for Personal Financial Literacy.

The first semester the students choose 4 out of 5 topics to study. Each math concept is a review of math skills from freshman, sophomore, and junior years. The 5 finance topics and math concepts students choose from are: 1) Taxes & Fundamentals of Algebra; 2) Checking & Linear Equations; 3) Saving & Systems of Equations; 4) Budgeting & Systems of Inequalities; and 5) Investing & Exponential Functions.

Spring semester consists of the required senior level math, statistics and probability. During the second semester, students study the following 4 finance topics and math concepts: 1) Types of Credit & Modeling Functions; 2) Managing Credit & Fundamentals of Statistics; 3) Paying for College & Statistical Analysis; and 4) Insurance & Probability. Both semesters are relevant, well-structured, and get positive student feedback.

CALCULUS**MAT 308 A/B****Open to Grades 11, 12****Yearlong Course****Prerequisite: Algebra I, Algebra II, Trigonometry and Pre-Calculus****Teacher Recommendation: Yes****Course Fee: None (TI 83 OR TI 84 calculator required)**

This course strengthens students' understanding of functions in preparation for the process of differentiation and integration and provides an excellent foundation for further work in college level math classes. Concepts explored include limits and continuity derivatives, definite integrals, exponential and logarithmic functions, trigonometric functions, and techniques of integration.

MATH OPTIONS I**MAT 110 A/B****Open to Grades 9, 10, 11, 12****Semester****Prerequisite: Need for math intervention****Teacher Recommendation: Yes**

Math Options I, a co-taught intensive Algebra math program designed to provide a structured and comprehensive learning experience for high school students. In Math Options I, students will engage with the first semester of the Algebra 1 curriculum during the current academic year. This foundational course aims to establish a thorough understanding of fundamental algebraic concepts.

MATH OPTIONS II**MAT 111 A/B****Open to Grades 9, 10, 11, 12****Semester****Prerequisite: Need for math intervention****Teacher Recommendation: Yes**

Following Math Options I, Math Options II is a co-taught intensive Algebra math program designed to provide a structured and comprehensive learning experience for high school students. In Math Options II, students will engage with the second semester of the Algebra 1 curriculum during the current academic year. This foundational course aims to continue to establish a thorough understanding of fundamental algebraic concepts. The structured curriculum ensures a carefully paced learning environment, enabling students to reinforce their understanding of algebraic principles and prepare for more advanced mathematical concepts.

AP CALCULUS AB**MAT 402 A/B****Open to Grades 11, 12****Yearlong Course****Prerequisite: Pre-Calculus****Teacher Recommendation: Yes. Teacher recommends a previous course grade B or better.****Course Fee: None for the course (TI 83 or TI 84 calculator required); There is a fee for the College Board exam**

This course will be offered to students who have achieved and who will continue to achieve a standard of excellence in the study of mathematics. The course will be an overview of these calculus topics: limits and continuity of various functions; differentiation techniques; applications of the derivative; indefinite integrals; the fundamental theorem of calculus; and definite integrals including applications. A graphing calculator is required throughout the course.

HIGH SCHOOL SCIENCE

◇ **BIOLOGY****SCI 101 A/B****Open to Grade 9****Yearlong Course (Lab)****Prerequisite: None****Teacher Recommendation: No****Yearlong Course Fee: \$25.00**

This is a life science course designed to introduce students to the basis of life, cell theory, genetics, change and diversity, classification and the human body systems. This course will familiarize students with fundamental scientific terminology and processes. Students perform experiments, with expected outcomes, to improve simple lab skills and to test given hypotheses.

◇ **CHEMISTRY****SCI 201 A/B****Open to Grades 10, 11, 12****Yearlong Course (Lab)****Prerequisite: Algebra I & Geometry (Algebra II co-enrollment)****Teacher Recommendation: No****Yearlong Course Fee: \$25.00**

This is a Physical Science course and is recommended for students planning on attending college. The course emphasizes theoretical conceptualization and includes studies of the periodic table, nomenclature, atomic structure, scientific notation, mathematical relationships and stoichiometry, the study of matter and change in states of matter, chemical bonding and chemical reactions as demonstrated through various experiments.

ENVIRONMENTAL SCIENCE**SCI 307 A/B****Open to Grades 10, 11, 12****Yearlong Course (Lab)****Prerequisite: None****Teacher Recommendation: No****Yearlong Course Fee: \$25.00**

The Environmental Science course is designed to interpret and understand the world around you. This course will focus on how humans interact with and impact earth's natural systems leading to global climate changes. In order to explore these impacts, students will explore the complex interactions between the geosphere, atmosphere, hydrosphere, and biosphere and rely on geology, ecology, biology, and history to explain the natural processes in action. Topics to be addressed include but are not limited to, the scientific method, mapping earth's systems, ecosystem analysis, ecological degradation, and positive and negative human environmental impacts. Students will participate in laboratory exercises, small group activities, web-based investigations, class discussions, projects, and research.

HUMAN ANATOMY**SCI 302 A/B****Open to Grades 10, 11, 12****Yearlong Course (Lab)****Prerequisite: None****Teacher Recommendation: No****Yearlong Course Fee: \$25.00**

This course focuses on the study of anatomy and physiology of the human body. Topics include: Cells, tissue, and an in-depth study of the human body systems through various experiments and applicable organ/animal dissections.

PHYSICS**SCI 303 A/B****Open to Grades 11, 12****Yearlong Course (Lab)****Prerequisite: Algebra II co-enrollment****Teacher Recommendation: No****Yearlong Course Fee: \$25.00**

This course deals with the fundamental properties, changes, and interactions of matter and energy. Students MUST have a strong aptitude for math, having taken OR taking Algebra II. Topics include kinematics, Newton's Laws of Motion, conservation of momentum and energy, sound, light, electricity, work, power and machines. Course is "hands-on" with student activities and teacher demonstrations. Previous course students must have earned a C or better.

AP BIOLOGY**SCI 306 A/B****Open to Grades 11, 12****Yearlong Course (Lab)****Prerequisite: Completion of Algebra II, Biology and Chemistry****Teacher Recommendation: Yes****Yearlong Course Fee: \$25.00 + additional fee for the College Board exam**

This is a life science course designed to introduce students to the basis of life, cell theory, genetics, change and diversity, classification and the human body systems. This course will familiarize students with fundamental scientific terminology and processes. Students perform experiments, with expected outcomes, to improve simple lab skills and to test given hypotheses. AP Biology is a college level course designed for students who are interested in pursuing the life sciences after high school. A heavy demand is placed on independent reading and writing. This course has 10 required laboratory assignments that are inquiry based. Students are expected to design, test and explain results in detail.

AP CHEMISTRY**SCI 203 A/B****Open to Grades 11, 12****Yearlong Course (Lab)****Prerequisite: Completion of Algebra II and Chemistry****Teacher Recommendation: Yes****Yearlong Course Fee: \$25.00 + additional fee for the College Board exam**

This is a Physical Science course and is recommended for students planning to attend college. The course emphasizes theoretical conceptualization and includes studies of the periodic table, nomenclature, atomic structure, scientific notation, mathematical relationships

and stoichiometry, the study of matter and change in states of matter, chemical bonding and chemical reactions as demonstrated through various experiments.

AP PHYSICS

SCI 305 A/B

Open to Grades 11, 12

Yearlong Course (Lab)

Prerequisite: Precalculus co-enrollment and completion of two science courses

Teacher Recommendation: Yes

Yearlong Course Fee: \$25.00 + additional fee for the College Board exam

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.

HIGH SCHOOL SOCIAL STUDIES

**Typical Social Studies sequencing at The Academy is: World Geography (9th), World History/CE World History (10th), US History/AP US History (11th), Civics/AP Government (12th). Students must earn 3 credits in total. Earning a passing grade in Civics/AP Government is a state requirement for graduation.*

◇ WORLD GEOGRAPHY

SOC 107 A

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: None

Teacher Recommendation: No

Introduces the main themes of geographical study, provides an overview of the regions of the world, and how humans interact with the physical world. Students will explore human systems and processes such as population, migration, urbanization, land use, and globalization trends. The course gives students an opportunity to use the tools and thinking of geographers. Encourages critical thinking, reading, and writing. Provides opportunities for students to grow as spatial thinkers and to analyze the relationships between places.

◇ PRE-MODERN WORLD HISTORY

SOC 117

Open to Grades 10

Semester Course

Prerequisite: None, graduation requirement

Teacher Recommendation: No

Students examine the story of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas throughout the world from the Crusades to the beginnings of global exploration. Students will gain an understanding of the past and discover its contribution to the present and future. Major historical themes and concepts such as religions, the encounters of civilizations, trade, and war are explored through map work, Internet activities, research projects, primary documents, Socratic seminars, lecture, discussion, and interactive units. In the process, students learn the broad historical concepts and geographical themes that have repeatedly shaped human civilization. Students will use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence.

◇ MODERN WORLD HISTORY 1600 - PRESENT

SOC 118

Open to Grades 10

Semester Course

Prerequisite: None, graduation requirement

Teacher Recommendation: No

Students examine the story of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas throughout the world from the dawn of the modern era to the present day. Students will gain an understanding of the past and discover its contribution to the present and future. Major historical themes and concepts such as religions, the encounters of civilizations, trade, and war are explored through map work, Internet activities, research projects, primary documents, Socratic seminars, lecture, discussion, and interactive units. In the process, students learn the broad historical concepts and geographical themes that have repeatedly shaped human civilization. Students will use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence.

US HISTORY**SOC 307 A/B****Open to Grades 10, 11****Yearlong Course****Prerequisite: None****Teacher Recommendation: No**

U.S. History is a year-long course that examines the major events and turning points of U.S. history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. Students will be able to examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students will use a variety of primary and secondary source material to understand and interpret the past, including multiple points of view and historical context. We will cover Industrialization, Immigration, 19th century Political Reforms, and the 20th century. Scope of Course: 1491-present.

CIVICS**SOC 312****Open to Grade 12****Semester Course****Prerequisite: None, graduation requirement****Teacher Recommendation: No**

This course is designed to stimulate active discussions and reflections on a variety of topics related to Civics and Government. This course will explore the events of America's past, present through a diversity of perspectives, and integrate concepts in geography, economics, politics, social science, current events, and international affairs. Students will examine the relationships between historical events and how they have shaped the country we live in today. The course stresses how policies were determined; and how gender, race, and multicultural issues have affected, and continue to affect, American Government and its citizens.

ECONOMICS**SOC 119****Open to Grade 10, 11, 12****Semester Course****Prerequisite: None****Teacher Recommendation: No**

This course is designed to provide students with theoretical underpinnings and functional knowledge in economics to become informed consumers, producers, and citizens in today's world. Economics is the study of how individuals, businesses, and governments make decisions about the use of scarce resources in a world of unlimited wants and needs. This is done at both the microeconomic and macroeconomic levels, both of which will be examined in detail. At the microeconomic level, students will investigate the smaller units of the economy and individual firms and markets. In macroeconomics, students will study the global economy and economics of nations and governments as they try to foster growth and stability. The course is useful in helping students to acquire many life skills, and also in establishing a foundation for more advanced study of economics.

AP US HISTORY**SOC 309 A/B****Open to Grade 11****Prerequisite: None****Teacher Recommendation: Yes. Teacher recommends previous course grade B or better****Course Fee: None for the course; fee for the College Board exam**

Colonial History, American Revolution, The Republican Experiment, The Federalist Era, Republicans in Power, The Jacksonian Era, Manifest Destiny and the Mexican War, Slavery, Civil War and Reconstruction, Gilded Age, Progressive Era, Foreign Policy (1898–1920), Roaring '20s, Great Depression. WWI & II, Truman, Ike, and JFK: The Cold Warriors, Fair Deal to the Great Society, Protest and Turmoil: Vietnam and Watergate, 1970's. Students will use higher order thinking skills to interpret the various trends throughout US History. Upon completion of this course, it is expected that students will take the Advanced Placement examination.

AP GOVERNMENT AND POLITICS**SOC 310 A/B****Open to Grade 12****Yearlong Course****Prerequisite: Geography and US History****Teacher Recommendation: Yes****Course Fee: None for the course; fee for the College Board exam**

Students will examine and analyze the Constitution of the United States, including Federalism, political parties and the behavior of citizens, interest groups, and the mass media, as well as gaining a familiarity with the institutions, processes, beliefs, and policies that constitute U.S. politics. Students will use higher order thinking skills to formulate solid opinions and interpret the various trends throughout politics and our society, and the importance of participation in local, state, and national government. Upon completion of this course, it is expected that

students will take the Advanced Placement examination. This course contains ample out of class and summer work. Students will be expected to take the AP exam in May.

CURRENT EVENTS

SOC 111

Grades: 9, 10, 11, 12

Semester Course

Prerequisite: None

Teacher Recommendation: No

Course Fee: N/A

Current Events is a one-semester course structured to give the student an understanding of current issues in many areas of a political, social, and economic nature. The course emphasizes research done by the student since the topics chosen are very fluid in their nature, meaning that the topics and the amount of coverage on the topics will fluctuate on any given day, week, or month depending on topics currently in the media.

MILITARY HISTORY

SOC 113

Grades: 9, 10, 11, 12

Semester Course

Prerequisite: None

Teacher Recommendation: No

Course Fee: N/A

In this semester long course students will study the evolution of warfare from prehistory to the current era. This course will focus on how states organized to wage war and study how specific events, cultures, organizations, people, and technologies have impacted war. This class will incorporate reading, writing, speaking, and research skills as well as emphasize historical analysis and higher order thinking. Possible topics to be discussed are community service project are among the activities offered to enhance students' understanding and appreciation of the American system of government.

HIGH SCHOOL WORLD LANGUAGE

SPANISH I

WLA 121 A/B

Open to Grades 9, 10, 11

Yearlong Course

Teacher Recommendation: No

Yearlong Course Fee: \$10.00

In Spanish I the student will learn a variety of language structures by focusing on understanding meaning in a variety of fun situations, and exposure to cultural experiences. This will enable them to negotiate the language at a beginner's level in the present tense. A variety of techniques will be used including Total Physical Response, storytelling, skits, and grammar work, focusing on the four communication skills of reading, writing, speaking, and listening.

SPANISH II

WLA 122 A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: C or better in Spanish I or MS Spanish I, part II

Teacher Recommendation: Yes

Yearlong Course Fee: \$10.00

Spanish II is a continuation of Spanish I and in this course the student will enjoy learning a variety of language structures and exploring cultural experiences. Students will be able to negotiate the language at an intermediate level and demonstrate mastery in the present tense while developing a deeper understanding between the past tenses and be introduced to more advanced grammar. A variety of techniques will be used including Total Physical Response, storytelling, skits, and grammar work, focusing on the four communication skills of reading, writing, speaking, and listening. Spanish will be spoken by both the teacher and the students for much of each class period.

SPANISH III**WLA 123 A/B****Open to Grades 10, 11, 12****Yearlong Course****Prerequisite: C or better in Spanish II****Teacher Recommendation: Yes****Yearlong Course Fee: \$10.00**

Spanish III is a continuation of Spanish II and in this course the student will enjoy learning a variety of language structures and exploring cultural experiences. Students will be able to negotiate the language at an intermediate level and demonstrate mastery in the preterite and imperfect tenses while continuing to learn more advanced grammar. A variety of techniques will be used including Total Physical Response, storytelling, skits, grammar work, and cultural presentations focusing on the four communication skills of reading, writing, speaking, and listening. Spanish will be the language of communication at least 90% of the time in the course.

SPANISH IV**WLA 124 A/B****Open to Grades 11, 12****Yearlong Course****Prerequisite: C or better in Spanish III****Teacher Recommendation: Yes****Yearlong Course Fee: \$10.00**

Spanish IV is the culmination of the Spanish Program at The Academy for many students. Students in this class will demonstrate mastery in all verb tenses and express themselves with a degree of fluency. Students will think critically, analyze, discuss, and synthesize authentic texts in a variety of genres. Classes will be reading and discussion based. Spanish will be the language of communication at least 90% of the time in the course.

AP SPANISH**WLA 125 A/B****Open to Grade 12****Yearlong Course****Prerequisite: C or better in Spanish IV and AP teacher approval****Teacher Recommendation: Yes****Yearlong Course Fee: \$10.00 + fee for the College Board exam**

AP Spanish is the equivalent of a 3rd year college Spanish course. Students in this class will demonstrate mastery in all verb tenses and express themselves with a high degree of fluency both in the written and spoken form. Students will think critically, analyze, discuss, and synthesize authentic sources, both written and auditory in a variety of genres. Classes will be reading and discussion based, and the class will be conducted exclusively in Spanish. The focus of the class will follow the six main themes outlined by the College Board (Personal & Public Identity, Family & Community, Science & Technology, Global Challenges, Beauty & Esthetics, Contemporary life). These themes will be explored through authentic sources and cultural & current events in order to provide students with a deep understanding of the rich variety of cultures that exist in the Hispanic world.

HIGH SCHOOL FINE AND PERFORMING ARTS

DIGITAL ANIMATION**COT 114****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: Drawing skills are essential****Semester Course Fee: \$25.00**

Students will be introduced to general animation techniques through the principles of animation. This course will cover the basics of drawing, storyboards, character design, flipbooks, stop-motion, and basic Adobe Animate tweening. Upon completion of this course students will understand the animation process and techniques necessary to produce short animated sequences.

DIGITAL PHOTOGRAPHY**COT 116****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: None****Semester Course Fee: \$25.00**

This course covers basic concepts and practice of digital photography, including understanding and use of the DSLR camera, lenses, and other basic photographic equipment. The course will address aesthetic principles as they relate to composition, space, exposure, light and color.

Technological requirements of digital formats will be addressed, such as formats and resolution. Throughout the course, you'll complete a series of photo projects that will help you practice the skills you are learning. Basic digital manipulations of images will be taught in preparation for creating a photo portfolio of images.

FILM PRODUCTION

COT 111

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: None

Semester Course Fee: N/A

Film Production is the study and practice of film technology, elements, and production. Students will create a series of short films as they incorporate elements of film making best practices including: screenwriting, production planning, cinematography, and editing. Comedic and/or dramatic themes can be included as students create films in the following genres: Silent, Suspense, Horror, Documentary and/or Music videos.

GRAPHIC DESIGN I

COT 115

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: None

Semester Course Fee: \$25.00

Students will be introduced to the fundamentals of the graphic design process through Adobe Photoshop and Adobe Illustrator to create digital portfolios. Students will be introduced to basic art elements, design principles, and the Design Thinking process. This introductory course deals with controlling computer technology to produce an artistic design. Students will learn computer illustration techniques, image manipulation, typography, branding, visual literacy, and the principles and elements of art in composition.

GRAPHIC DESIGN II

COT 125

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: Graphic Design I Passing Grade

Semester Course Fee: \$25.00

This is a continuation of principles developed in Graphic Design 1 focusing more on Adobe Illustrator and Adobe Photoshop. This course will be the natural progression of Graphic Design I as it continues the fundamental idea of using computer technology to produce an artistic image. Students will further advance their computer illustration techniques, image manipulation, graphic design knowledge, art history concepts, visual literacy and the principles and elements of art in composition. Marketing and advertising foundations are introduced as well.

CERAMICS I

FPA 203

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: None

Semester Course Fee: \$25.00

Offers the opportunity for students to work with clay; experimenting with functional and sculptural concepts. A variety of techniques will be used including hand-building methods (coil pot, pinch pot and slab construction) and glazing techniques. Students will also focus on compositional elements when creating an aesthetic work of art.

CERAMICS II

FPA 209

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: Ceramics I Passing Grade

Semester Course Fee: \$25.00

This is a continuation of the techniques practiced in Ceramics 1. In this course more emphasis is placed on advanced skills for wheel throwing, hand-building, mold making and glazing. Students should have a more fluent command of the medium and should be working towards opportunities for gallery showings and competitions.

DRAWING AND PAINTING I**FPA 104****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: None****Semester Course Fee: \$25.00**

This course offers students a survey of drawing and painting techniques. Skills of emphasis include: the elements/principles of art, color theory, color mixing, contour line, still life/realism painting, chiaroscuro, linear perspective and wet into wet blending. Students will be introduced to a wide range of artistic formats including: abstract art, cartooning, optical illusions, fine art, arts & crafts, portraiture, architecture and landscapes.

DRAWING AND PAINTING II**FPA 105****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: Drawing & Painting I Passing Grade****Semester Course Fee: \$25.00**

This is the second part of a student's Drawing & Painting adventure to gain more experience in a course that will introduce a variety of tools, techniques, and media including pencil, colored pencil, acrylic painting, and watercolor painting. Students will use materials as a medium for visual communication and as a means for creating their own personal aesthetic. Emphasis will be placed on the elements and principles of art and design as tools for demonstrating meaning within works of art.

AP ART**FPA 305****Open to Grades 11, 12****Semester Course****Prerequisite: Portfolio Review****Teacher Recommendation: Yes****Semester Course Fee: \$25.00 + fee for the College Board exam**

This course offers students an opportunity to earn college credit as an advanced high school artist. Mixed-media will be used in this accelerated course that is designed to take students' art skills to the next level. The culmination of the course is being prepared to enter a college art school by selecting a field of study, focus and publishing a digital portfolio.

IMPROVISATION AND THEATER GAMES**FPA 131****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: None****Semester Course Fee: none**

"Anyone can learn to improvise!" This interactive class will include all of the foundations of improvisation. Students will learn Improv basics supported by a variety of theater games. In this class, we will practice object work, character building, short form, and long form improvisations. This class is especially good for students who do not want to sit around! There is no prerequisite for this class.

MIXED MEDIA**FPA 115****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: None****Semester Course Fee: \$25.00**

This course covers a variety of 2D and 3D media. Students will study various modern and contemporary art periods by analyzing and critiquing works from specific artists and developing art-making skills based on those works. This is an advanced course where students will build their drawing, painting, printing, and multimedia sculpture skills along with learning new techniques. Students will practice art for social change along with real-world art applications.

SET DESIGN AND CONSTRUCTION**FPA 137****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: Any MS Theater Course****Teacher Recommendation: Yes****Semester Course Fee: none**

In this course students will work together to create a set design for the Fall Play or the Spring Musical. Students will use a variety of power tools to build the set they have designed. Students will also use a variety of painting techniques to appropriately paint the set based on their design. Students will need to work independently and in teams, with each student taking on leadership roles throughout the process. This class is open to all high school students who are interested in stage design and construction.

ACADEMY A CAPPELLA**FPA 136 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Corequisite: Chambers Singers or Concert Choir****Teacher Recommendation: Yes****Yearlong Course Fee: \$25.00**

This year-long course is designed for talented, experienced singers interested in a cappella pop styles and jazz styles. Singers in this group are expected to be confident and capable of singing by themselves. Students must be excellent music readers. In this class, students will be prepared to audition for All State choir and All State Jazz. Rehearsals and performances occurring outside regular school hours are a required part of this course. Students eligible for this group must also be a member of Chamber Singers or Concert Choir, and is an audition-only group. This class is offered during zero hour only. Students will be required to purchase a uniform that ranges from \$40-\$100.

CHAMBER SINGERS**FPA 127 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Prerequisite: Concert Choir and/or Previous Choir Experience****Teacher Recommendation: Yes****Yearlong Course Fee: \$25.00**

Chamber Singers is a small, auditioned vocal ensemble for the experienced singer. Membership requires an audition and director approval. This is a performance based class, working on developing the individual singer in various styles. The ensemble works together on blending voices to create a unified sound, rehearsing and performing a variety of styles of music from different time periods and cultures - both accompanied and a cappella - in 4+ part harmony. The singers will perform in several public events per year. Juniors and Seniors in this course will be prepared to audition for Colorado All-State Choir. Rehearsals and performances occurring outside regular school hours are a required part of this course. Students will be required to purchase a uniform that ranges from \$40-\$100.

CONCERT CHOIR**FPA 116 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Prerequisite: None****Yearlong Course Fee: \$25.00**

Concert Choir is open to any student who enjoys singing and wishes to sing as part of a team. This is a performance-based class, working on developing and improving vocal technique, breathing, tone production, and music literacy. The ensemble works together on blending voices to create a unified sound, rehearsing and performing a variety of styles of music from different time periods and cultures, both accompanied and a cappella. The singers will perform in several public events per year. Juniors and Seniors in this course will be prepared to audition for Colorado All-State Choir. Rehearsals and performances occurring outside regular school hours are a required part of this course. Students will be required to purchase a uniform that ranges from \$40-\$100.

CHAMBER ORCHESTRA**FPA 110 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Prerequisite: Sinfonia Orchestra or Director approval****Teacher Recommendation: Yes****Yearlong Course Fee: \$25.00**

Chamber Orchestra is the premier string ensemble offered at The Academy. Students in Chamber Orchestra represent the best string students in the school. Musicians will continue to develop advanced musicianship, technique, and skills begun in prior large ensemble classes. Students will also be given additional performance opportunities including annual performance at the ASTA music festival. An audition is required to register for this class and should be scheduled with the director prior to course scheduling. Rehearsals and performances occurring outside regular school hours are a required part of this course. It is expected that students will have access to a high-quality instrument and supplies.

SINFONIA ORCHESTRA**FPA 125 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Prerequisite: None****Teacher Recommendation: Yes****Yearlong Course Fee: \$25.00**

Sinfonia Orchestra is a non-auditioned large string ensemble offered for secondary students at The Academy. In this course, students continue to develop musicianship and skills begun in prior large ensemble classes. Students will also be given additional performance opportunities including an annual off-campus music festival performance. An audition is not required to register for this class, but students should have at least two years' experience on a string instrument or have approval of the director. Rehearsals and performances occurring outside regular school hours are a required part of this course. It is expected that students will have access to a high-quality instrument and supplies.

GUITAR**FPA 114****Open to Grades 9, 10, 11, 12****Semester Course****Prerequisite: None****Semester Course Fee: \$25.00**

This semester-long course is designed for beginning and experienced guitar students alike. Students will learn how to read standard musical notation, chord diagrams, and tablature. Students will gain experience in a variety of playing styles including finger-picking, pick technique, and strumming. Students will also compose and arrange music and play in formal concerts and jam sessions. Performances occurring outside regular school hours are a required part of this course. Students are required to own their own personal guitar (acoustic guitars only). This course may not be repeated for credit except on a case-by-case basis.

JAZZ**FPA 138 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Prerequisite: None****Teacher Recommendation: Yes/Director Approval****Yearlong Course Fee: \$25.00**

Jazz Band is designed for the advancing jazz student with at least one year experience in jazz ensembles. Students will continue to develop advanced jazz techniques learned in prior jazz classes. Students will be split into two ensembles, Jazz Cats and Jazz Cubs, based on previous performance level and auditions which occur in early March. Students will also be given potential additional performance opportunities including an annual off-campus music festival performance. Rehearsals and performances occurring outside regular school hours are a required part of this course. It is expected that students will have access to a high-quality instrument and supplies. This class is offered during zero hour only.

WIND ENSEMBLE**FPA 120 A/B****Open to Grades 9, 10, 11, 12****Yearlong Course/This course may be repeated for credit.****Prerequisite: Symphonic Band or Successful Audition****Teacher Recommendation: Yes/Director Approval****Yearlong Course Fee: \$25.00**

Wind Ensemble is the premier large band ensemble offered at The Academy. Students in the Wind Ensemble represent the best wind and percussion students in the school. Musicians will continue to develop advanced musicianship, technique, and skills begun in prior large ensemble classes. Students will also be given additional performance opportunities including annual performances at the Colorado

Bandmasters Festivals and an out-of-state performance trip every two years. An audition is required to register for this class and occurs in early March. Rehearsals and performances occurring outside regular school hours are a required part of this course, including an August band camp that occurs prior to the first day of school. It is expected that students will have access to a high-quality instrument and supplies.

SYMPHONIC BAND

FPA 111 A/B

Open to Grades 9, 10, 11, 12

Yearlong Course/This course may be repeated for credit.

Prerequisite: Concert Band

Teacher Recommendation: Yes/Director Approval

Fee: \$25.00

Symphonic Band is a non-auditioned large band ensemble offered for secondary students at The Academy. In this course, students continue to develop musicianship and skills begun in prior large ensemble classes. Students will also be given additional performance opportunities including an annual off-campus music festival performance. An audition is required to register for this class and occurs in early March. Rehearsals and performances occurring outside regular school hours are a required part of this course. It is expected that students will have access to a high-quality instrument and supplies.

HIGH SCHOOL ELECTIVES

CREATIVE WRITING

ELE 144

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: None

This elective course is designed to explore different areas, techniques, and genres of creative writing. It is aimed toward students who enjoy writing creatively and would like to further tune and expand their skills. Students will write in a variety of genres: fiction, poetry, drama, memoir, song lyrics, nature writing, and travel writing. We write nearly every day in this course, and even tackle the project of finally finishing that novel you've been working on! This course is highly recommended to students who love to write, regularly exercise their creative muscles, like to read, are interested in joining a community of writers, and want to celebrate the joys, pitfalls, and love of writing.

Intro to Business

ELE 143

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: None

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

ENTREPRENEURSHIP II: Business Engagement

ELE 139

Open to Grades 9, 10, 11, 12

Semester Course

Prerequisite: Entrepreneurship I Passing Grade

Entrepreneurship II is designed as an extension of learning from Entrepreneurship I. During this course, students will demonstrate their understanding of business and management in a variety of simulated scenarios applying theories, concepts, and problem-solving. Students will complete a capstone project which will demonstrate their understanding of fundamental business concepts including Accounting, Business Law, Ethics, Entrepreneurship, Computer Information Systems, Finance, Human Resources, Management, Marketing, Operations, Project Management, Risk Management, and Strategic Planning. The course covers the major aspects of small business management to enable the entrepreneur to successfully start a business.

INTERPERSONAL LAB

ELE 141 A/B

Open to Grades 9

Semester Course

Prerequisite: Staff Recommendation

In order to succeed in today's world, everyone must possess the social, emotional, and critical thinking skills necessary to analyze and respond to ever-more complex situations and to recognize, understand, and appropriately manage their own emotions. Learning how to control impulsive behavior, accurately identify choices, assess the consequences of actions, and make responsible decisions. In this class, students will

learn and practice skills in healthy communication, motivation, conflict resolution, and overall emotional management. Students will develop the self-awareness and emotional stability to thrive in high school and beyond.

LEADERSHIP

SOC 114 A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: Election by student body in April of the prior year. Students interested in Leadership must interview with the Student Council Advisor, complete three teacher recommendations, and successfully run an election campaign.

Teacher Recommendation: Yes

This course is for students willing to be the leadership group of our school. Students will be our student government, our student character education committee, our school activities council, and our overall student body leadership. Through heavy student leadership involvement in all aspects of our school, we will strengthen the future involvement and spirit of our school community by alumni, family, and friends of The Academy. Students will plan, advertise, and run character education opportunities for our school and community. Students will organize, develop, and follow-through on school events. Students will learn to effectively lead peers by using the CHSAA student leadership council materials.

OPEN PERIOD (this course does not earn credit)

ELE 312

Open to Grades 11, 12

Semester Course

Students may request an open period, but if granted they must be off campus during this time.

RESOURCE

ELE 114 A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: Only open to students who have an IEP

This is an assigned classroom for students on Individualized Education Plans (IEPs) to receive direct instruction from a learning specialist to meet their IEP goals as per their service minutes and instructional needs. Students will be in a small group setting for explicit instruction to develop skills needed to independently access the general education curriculum.

ENGLISH LANGUAGE DEVELOPMENT

ENG107A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: Qualify for ELL services

Students will be in a small group setting for explicit instruction to develop academic language skills needed to independently access the general education curriculum, including academic reading, writing, listening, speaking, and grammar.

ENGLISH LANGUAGE DEVELOPMENT LAB

ELE142A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: Qualify for ELL services

STUDENT ASSISTANT (credit value .25)

ELE 112

Open to Grades 9, 10, 11, 12

Semester Course

With a teacher's approval, the student may work as that teacher's, or other staff member's aide, helping with whatever tasks the teacher or staff member requests.

STUDENT INTERNSHIP

ELE 121 A/B

Open to Grades 11, 12 (expectations can be made on a case by case basis with Counselor recommendation and Principal approval)

Semester Course

Prerequisite: Good academic and behavioral standing

This program will provide students with the opportunity to apply for interesting and challenging internships that will take them ahead of the competition! Selected students will spend a semester with an executive or professional in the field of their choice. Within each internship, students can expect to do various work assignments, attend meetings, complete projects, all while applying the skills and knowledge they have gained throughout their education. Students should be above average academically or especially talented in the career area they wish to pursue. Professional success also depends on the level of student's maturity, responsibility and reliability. This program is selective, and

additional application materials and an interview are required. The student is responsible for his/her transportation to the Internship location. Completion of the pre-internship module is required before starting any internship.

STUDY HALL (this course does not earn credit)

ELE 102

Open to Grades 9, 10, 11, 12

Semester Course

Study Hall seeks to give students a place where they have extra time to complete class work, better prepare for exams.

TUTOR

ELE 115

Open to Grades 9, 10, 11, 12

Semester Course

In this class, students will tutor peers as well as students as young as 3rd grade. The role of tutor is a leadership position where the tutors are able to help students at The Academy gain academic success.

WORK STUDY (*credit value .25-0.5*)

ELE 221

Open to Grades 11, 12

Semester Course

Work Study provides junior and senior students an opportunity to gain valuable work experience and earn a paycheck while attending high school. Through this business experience, they will build the knowledge, skills and self-confidence to be successful in higher education, in the workplace and in life. Students participating in this program will attend their academic classes daily and be granted an “early dismissal” or “late entry” to participate in employment during school hours. Minimum of 5 hours/week, up to 18. More than 18 hours/week would count for 0.5 credit)

9TH GRADE SEMINAR

ELE —

Open to Grades 9

Semester Course

9th Grade Seminar is devoted to supporting students as they transition into high school. This course is designed to help 9th grade students adjust, develop a better understanding of the High School learning process and acquire essential academic survival skills. With attention to the academic, social, and emotional needs of young people, we aim to help every incoming student to chart a course for their high school career and beyond. Students will participate in learning activities that promote self-awareness, self-management, character development, social awareness, relationship skills, responsible decision-making, and education and career awareness, exploration, and preparation.

YEARBOOK

ELE 118 A/B

Open to Grades 9, 10, 11, 12

Yearlong Course

Prerequisite: Application required prior to acceptance

***Course can be rigorous. Involves work outside of class, multi-tasking, deadlines, teamwork, and good work ethic.**

In this elective course, students create and publish the high school yearbook. Students must be self-motivated, willing to follow directions, and committed to creating a first-class publication. All staff members are responsible for all aspects of publication: journalism ethics, interviewing, writing, editing, photography, computer publishing, graphic design, advertising, sales, printing, and distribution. Meeting deadlines is a must. Although strong writing and computer skills are ideal, we need a wide range of abilities on staff. The best skills are a sense of fun, good work ethic, creativity, and commitment to making the yearbook a publication you can be proud of.

HIGH SCHOOL PHYSICAL EDUCATION COURSES

Skill or Sports Related Option: Students who participate in a Colorado High Schools Activities Association (CHSAA) sanctioned sport can earn 0.5 credit toward their P.E. credit requirement. All other sports or activities must be approved by the Athletic Department. See your counselor for details.

Overview: In order to meet graduation requirements, all High School students must complete a minimum of 1 credit of Physical Education in which 0.5 credit must be High School Health.

HIGH SCHOOL HEALTH (Graduation Requirement)**PED 106****Open to Grades 9, 10****Semester Course**

High School Health is a classroom course designed to address topics that steer students toward making informed and educated decisions about their personal health. Students will build understanding of health and wellness, reducing health risks and your behavior, mental and emotional health and associated disorders, benefits of healthy eating patterns and consequences of unhealthy eating patterns and eating disorders, and the health risks of tobacco, vape, alcohol, marijuana, illegal drugs, and other risky behaviors. Students will work to build health skills like analyzing influences, effective communication skills, making responsible decisions, stress management, and goal setting throughout this course. Students will be asked to use on-going self-evaluation to determine all factors that negatively and positively impact their health; and modify their lifestyle to improve physical, mental, emotional, and social health. Students will develop refusal skills to avoid unsafe, unhealthy, and risky behaviors and understand the benefits to health.

PERSONAL FITNESS**PED 203****Open to Grades 9, 10, 11, 12****Semester Course****Semester Course Fee: \$10.00**

Students will participate in various physical activities that build all five components of health related fitness. Physical activities are those that are more individualized like, Tabata protocol, weight-lifting, dance, Pilates, Yoga, fitness games, circuit training, boxing, agility and plyometric drills, and fitness walking. At least twice per semester, students will complete fitness testing to evaluate their levels of physical fitness in flexibility, muscular strength, muscular endurance, and cardiorespiratory endurance. Graded written work will be given in addition to receiving grades for daily effort, personal responsibility, and participation. Personal fitness goals will be set, worked toward, and evaluated throughout this course.

RECREATIONAL SPORTS**PED 206****Open to Grades 9, 10, 11, 12****Semester Course****Semester Course Fee: \$10.00**

Recreational Sports is a course designed to learn about and play the following: ping pong, corn hole, spike ball, softball, shuffleboard, pickleball, badminton, kickball, golf, and volleyball.

STRENGTH AND CONDITIONING**PED 105****Open to Grades 9, 10, 11, 12****Semester Course****Semester Course Fee: \$10.00**

Strength and Conditioning is a course designed to introduce students to the benefits of weightlifting. Students will benefit from a hands-on course that will require mental and physical strength. Safety and technique are two of the main focuses of this course. In the first couple of weeks students will get comfortable with equipment, safety standards, and proper technique. As the class unfolds students are introduced to different workout programs that are designed to work on different aspects of fitness. As a result of this course, any student will be able to go to any gym and know exactly how to get an effective workout in! Zero period option available.

TEAM SPORTS**PED 201****Open to Grades 9, 10, 11, 12****Semester Course****Semester Course Fee: \$10.00**

Team sports will build on the foundations already taught in 9th grade PE. Students will engage in a wide range of physical activities and team sports with an added focus of leadership and teamwork. Students will not only be taught skills and rules of the games but they will be asked to design and implement their own plays and strategies during game play. Students will also be taught how to coach and referee the games using a team sport model.



CONCURRENT ENROLLMENT COURSES AT THE ACADEMY CAMPUS

Students must complete Concurrent Enrollment process prior to registering for the courses below. See your Counselor for details.

CE PSYCHOLOGY

ELE 302

Open to Grades 9, 10, 11, 12

Semester Course

Fees: This course has a Front Range Community College fee that is paid through the student's Front Range eWolf account.

Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning and memory.

CE THEATER APPRECIATION

FPA 307

Open to Grades 9, 10, 11, 12

Semester Course

Teacher Recommendation: Yes

Fees: \$50.00 *plus* This course has a Front Range Community College fee that students pay through the student's Front Range eWolf account.

The purpose of this college level Theater Appreciation course is to increase students' understanding, appreciation, and critical perceptions of the theatrical event. By the end of this course, students will design and create theatrical pieces based on new understandings of theatrical practice, artists and innovators of theater throughout history, and on the theater's development as an art form. Additionally, students will critically analyze the works of acclaimed playwrights and performances. Students have the opportunity to earn college credit by earning a C or higher in the class.

CE SCRIPT ANALYSIS

FPA 308

Open to Grades 9, 10, 11, 12

Semester Course

Teacher Recommendation: Yes

Fees: \$50.00 *plus* This course has a Front Range Community College fee that students pay through the student's Front Range eWolf account.

CE Script Analysis is a course designed to dive deeply into reading play scripts from the perspective of a director, actor, designer, and critic. This class will feature field trips to see professional theatrical performances and guest teaching artists from the professional theater community. CE Script Analysis is a project based class, where we will bring aspects of each play we read to life. This class is open to any student who has an interest in learning more about theater arts. No theatrical experience is necessary to participate in this class. *Students that don't feel comfortable performing can work with Mr. Zeigen on an alternative option.

CE WORLD HISTORY/ANTIQUITY-1500 (semester 1)

SOC 206 A

Open to Grades 10, 11, 12

Semester Course: Students must register for this course through Front Range Community College

Prerequisite: World Geography

Teacher Recommendation: Yes

Fees: This course has a Front Range Community College fee that students pay through the student's Front Range eWolf account.

Explores a number of peoples, groups, ideas, institutions, and trends that have shaped World History from the prehistoric era to 1500. Reflects the multiple perspectives of gender, class, religion, and ethnic groups in a broad global sense. Focuses on the common denominators among all people. This approach goes beyond political borders to provide a better appreciation for different cultures. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.

CE WORLD HISTORY 1500-Present (semester 2)

SOC 206 B

Open to Grades 10, 11, 12

Semester Course: Students must register for this course through Front Range Community College.

Prerequisite: World Geography

Teacher Recommendation: Yes

Fees: This course has a Front Range Community College fee that students pay through the student's Front Range eWolf account.

Explores a number of peoples, groups, ideas, institutions, and trends that have shaped World History from 1500 to the present. Reflects the multiple perspectives of gender, class, religion, and ethnic groups in a broad global sense. Focuses on the common denominators among all people. This approach goes beyond political borders to provide a better appreciation for different cultures. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.

CE COMPOSITION

ENG 303 A/B

Open to Grades 11, 12

Yearlong Course: Students must register for this course through Front Range for both fall and spring semesters.

Teacher Recommendation: Yes

Fees: This course has a Front Range Community College fee that students pay through the student's Front Range eWolf account.

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/argumentative writing. Semester 2 emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or argumentative compositions. This is a statewide Guaranteed Transfer course.

CE CHEMISTRY

COURSE # IN PROGRESS

Open to Grades TBD

Semester Course: Students must register for this course through Front Range Community College.

Teacher Recommendation: Yes

Fees: This course has a Front Range Community College fee that students pay through the student's Front Range eWolf account.

Course description TBD