



**Five Star Online Academy**  
**High School**  
**Course Selection Guide**  
**2026 - 2027**

Dear High School Students and Parents,

Welcome to the beginning of the course selection process for the 2026 - 2027 school year! This guide contains important information related to the academic programming at Five Star Online Academy (FSOA), including information that will help you select your courses. As you engage in this process, we would encourage you to consider some of these questions:

- How will these courses support me in meeting the Adams 12 graduation requirements?
- How will these courses support me in my future career and college goals?
- What new ideas or knowledge would I like to explore?
- What will bring me variety, interest, and joy?

We are committed to ensuring that our students are well prepared for their lives after graduation, whether they are planning to move directly into the workforce, pursue additional coursework through a college/university or trade school, travel the world, or serve in our military.

This course selection guide is designed to help you make thoughtful choices for academic study during your high school career. We encourage you to review it closely as a family and to reach out to our school counseling staff for support in the process.

There is much to consider when choosing your courses for next year. Students, please be very thoughtful as you make your choices since they will have a significant impact on your high school experience. Parents, please be sure to discuss these choices with your child.

Best,



Adria Moersen, Principal  
Five Star Online Academy

Five Star Online Academy Mission and Vision	
<b>Vision:</b> We empower our students to achieve, connect, and thrive in all aspects of life.	<b>Mission:</b> We commit to providing a flexible, engaging, and rigorous learning experience right at a student's fingertips.

## Academic Letters

- For information on Academic Letters and awards, please see the FSOA Student Handbook.

## Advanced Placement

- The Advanced Placement (AP) Program provides students an opportunity to take college-level courses and exams while they are in high school.
- As a result of the final national test score that students receive, college credit may be awarded. Credit awarded depends on the college the student wishes to attend.
- **All students who take AP classes will be required to take the AP exams in May. Students who do not take the final AP exam will not be eligible for weighted grade status.**
- Fees will be collected through the district billing process.
  - The current fee for each exam is \$99 and is subject to change.
  - Students who register for the exam but do not take the exam will be charged an unused/canceled exam fee.
  - Financial aid is available for those who qualify. Students who qualify for the free/reduced meal program will also qualify for a reduced fee from the College Board.
- For more information about AP, you can access the website at: [www.collegeboard.org](http://www.collegeboard.org). This website includes the testing schedule in May.
- **Students registered for AP classes will not be able to drop those classes after the first ten (10) days of the semester.**

## Athletics

- FSOA students will be able to participate in athletics through an Adams 12 high school as directed in District [Policy 6250 Section 6.5](#).
- **Students who attend via Five Star Online Academy will be required to meet the same eligibility requirements as students attending in person.**
- Students are responsible for understanding district policy and working directly with the appropriate high school to enroll in athletics. Athletic registration deadlines may vary by school.

## Colorado Digital Learning Solutions (CDLS)

- A small number of students may be taking AP or other advanced courses through a partnership with [Colorado Digital Learning Solutions](#). These classes are denoted with “StudioCDLS” on their schedule.
- There will be no additional fee for students taking these courses.
- These classes are primarily asynchronous, with work posted every week and a Colorado licensed educator from CDLS available for support and feedback.
- Additionally, a student in a CDLS course will meet with a Five Star Online Academy teacher weekly to discuss progress.
- Attendance will be entered on a weekly basis based upon the student’s progress in the course and based upon attending the meeting with the Five Star Online Academy staff member.
- *Note -- a student who fails the first semester of a CDLS course will not be able to continue into the second semester in that course.*

## Course Credit and Grade Point Average (GPA)

- Students can earn up to 0.5 credits per semester per course during high school; a small number of courses will allow students to earn only 0.25 credits per semester.
- A course that is failed will not provide a student with credit. Students who withdraw from Five Star Online Academy prior to the end of the grading term will receive no credit.
- The following point scale will be used to compute grade point average.

### REGULAR SCALE

A = 4 points

B = 3 points

### WEIGHTED SCALE

A = 5 points

B = 4 points

C = 2 points  
D = 1 point  
F = 0 points (no credit earned)

C = 3 points  
D = 2 points  
F = 0 points (no credit earned)

- Weighted grades will be assigned to courses with the Advanced Placement (AP) designation. Please see the section on Advanced Placement courses for more information.

### Course Schedules / Minimum Course Requirements

- Adams 12 requires that all students in grades 9-12 be enrolled in a minimum of 6 credits each school year.
- 9th-11th Grade Students
  - Students in grades 9-11 will be required to take a full credit of English, Math, Science, and Social Science each year.
- 12th Grade Students
  - For seniors, Adams 12 Five Star Schools will require 3 credits of these 6 credits to be taken in core subjects (English, Social Studies, Science, Math or Foreign Language). Exceptions to the three (3) core classes may be made for students at the Bollman Technical Education Center or Future Forward at Washington Square, providing such students can demonstrate competency in the core areas. See [District Policy 6340](#).

### FFCTE Courses (Bollman and Washington Square)

- Students enrolled at FFCTE courses at Bollman and Washington Square are required to attend classes in person. They will need to wear a student ID at all times and enter the schools through the main office.
- Students attending FFCTE will be allowed to ride the bus from an Adams 12 high school to Washington Square or Bollman; they should wait for the bus outside and not enter the high school. If transportation is needed, a bus pass is required.
  - Bus Passes for students attending classes at Washington Square or Bollman can be picked up at Transportation

### Final Exams

- All courses will have an end-of-semester final exam or culminating project.
- This final exam or project will be worth no more than 10% of a student's overall semester grade.
- No early finals will be given at the end of either semester. If a student misses a final exam, they will receive an "Incomplete" in the courses.
- All late final exams must be completed within three weeks of the end of the semester. Upon completion, the "Incomplete" will be converted to a credit-bearing grade on a student's transcript.

### Grading Policy

- It is the responsibility of teachers to maintain accurate and consistent grading records for all students in all classes. The district grading scale is listed below.
  - District Grading Scale
    - 89.5 – 100% = A
    - 79.5 – 89.4% = B
    - 69.5 – 79.4% = C
    - 59.5 – 69.4% = D
    - Below 59.5% = F
- Students who fail or receive a low grade in a class may retake the class on a space available basis. The student will be awarded the higher grade and the GPA will be recalculated. Upon verification of successful completion, the prior course grade will be replaced with "NG" and the new course grade and credit will be listed in the transcript under the corresponding semester.
- Student's progress will be reported at individual parent conferences at least twice a year, and grades will be reported as indicated in [District Policy 6310](#).

## Graduation Requirements

- Seniors who meet the Adams 12 Five Star Schools graduation requirements will graduate with a Five Star Online Academy Diploma.
- Students must complete at least one full semester their senior year at FSOA in order to be eligible for a diploma from Five Star Online.
- All work must be completed and transcribed by noon on senior's last day (as indicated on the school calendar) for a student to be eligible to participate in graduation ceremonies.

### Adams 12 Graduation Requirements for the Classes of 2027 - 2029

English	4 credits
Math	3 credits
Science	3 credits
Social Studies – (.5 must be US Gov)	2 credits
US History	1 credit
Physical Education – (.5 must be Healthy Choices)	1 credit
Fine/Practical Arts	2 credits
Elective	7 credits
<b>Total Required Credits</b>	<b>23 credits</b>

### Adams 12 Graduation Requirements for the Classes of 2029 and beyond

English	4 credits
Math	3 credits
Science	3 credits
Social Studies	1 credit
US Government	0.5 credits
Personal Financial Literacy	0.5 credits
US History	1 credit
Physical Education – (.5 must be Healthy Choices)	0.5 credits
Healthy Choices	0.5 credits
Fine/Practical Arts	2 credits
Elective	7 credits
<b>Total Required Credits</b>	<b>23 credits</b>

*Please note that semester-long AP Government (0.5 credits) through CDLS will not meet the Personal Financial Literacy requirement, even through year-long AP Government (1.0 credit) as other district high schools will.*

- In addition to earning 23 credits, students will be required to demonstrate College and Career Readiness in English and Mathematics. The options for demonstrating readiness can be found on the [district's Graduation Requirements website](#).

### Important Notes:

- Students must have completed all graduation requirements and all outside credits submitted **by noon on the last day for seniors** in order to be eligible for participation in the graduation ceremony.
- **Early Graduates:** Students who will meet all graduation requirements by the end of first semester and wish to graduate early should contact their counselor.
  - An application for early completion must be received by October 1 and approved by the FSOA principal or designee.
  - Students who are approved for early completion will participate in the regularly scheduled commencement ceremony in May.
  - Students who graduate early may be eligible for the [Path4ward program](#), which provides students with scholarship money they can use towards college classes, workforce training, or

other certificate programs to prepare for life after high school. Students should check with their school counselor for more information on this program.

### Honors for Graduating Seniors

- Five Star Online Academy will honor graduating seniors in accordance with the Latin Honors designation system. In order to receive this honor, students must have the following cumulative GPAs, as calculated at the completion of 3rd quarter of their senior year:
  - 4.250 and above: Summa Cum Laude
  - 4.000 to 4.249: Magna Cum Laude
  - 3.750 - 3.999: Cum Laude
- To be eligible for one of these distinctions, students must have completed at least one full year with Five Star Online Academy and be enrolled as a full time student. *We will not present honors for valedictorians and salutatorians.*

### Letters of Recommendation

- Students who request a recommendation from a staff member are asked to provide a minimum of three weeks' notice before the letter is needed. For college application purposes, staff members will upload their letters of recommendation to the SchoolLinks platform.
- Once uploaded, students should see their teachers to have the letters submitted to colleges via SchoolLinks (see the SchoolLinks tab on the counseling web page for more information).

### Schedule Changes

- Once registered, students may request a change during the first ten days of school for the following reasons:
  - Failed a class or have not taken prerequisite
  - Previously earned credit in same class
  - Documented physical disability (e.g. inability to complete a PE course)
- Until a schedule change is approved, the student must continue to attend all classes on their schedule. Students requesting a change should make an appointment with a counselor. Please note that changes requested for reasons that are not listed above (including, but not limited to, job conflicts, workload concerns, or athletics) will not be able to be accommodated.
- Note: A "withdrawal" from class after ten days is a "WF" (withdrawal fail) and is computed into the cumulative grade point average.

### Transcript Requests

- Students are encouraged to plan ahead so that they do not miss deadlines. Students who need transcripts sent to colleges will request that process via their SchoolLinks account. Once a request is received, the Five Star Online counseling staff will send the transcript within one week. The majority of transcripts will be sent electronically from Five Star Online to the appropriate college/university via SchoolLinks. In the rare case that electronic transcripts are not accepted, we will mail a transcript.

### Weighted Grades

- Weighted grades will be assigned to courses with the Advanced Placement (AP ) designation or courses which require an AP course as a prerequisite. **Students who do not take the AP Exam will not be eligible for weighted grade status.**
- Students transferring to Five Star Online Academy may have the grade(s) for a previously completed course(s) weighted if the course was an Advanced Placement course only. Classes designed as honors, college prep, or pre-AP will not be weighted.
- Weighted credit must be requested upon transferring into FSOA and approved by the school principal or designee.

**High School Academic Planning Guide (Class of 2027 - 2028)**

English 4.0														
Math 3.0														
Science 3.0 (2 labs)														
Social Science 3.0			U.S. I	U.S. II	GOV									
P.E. 1.0	HEALTH													
Fine/ Practical Arts 2.0														
Elective 7.0														

[Click here to create your own editable copy!](#)

**High School Academic Planning Guide (Class of 2029 and Beyond)**

English 4.0														
Math 3.0														
Science 3.0 (2 labs)														
Social Science 3.0			US History	US History	US Govern ment	Personal Financial Literary								
P.E. 1.0	Health	P.E												
Fine/ Practical Arts 2.0														
Elective 7.0														

[Click here to create your own editable copy!](#)

## Typical Course Progression for English, Science, and Social Science

	9th Grade	10th Grade	11th Grade	12th Grade
<b>English</b> (Required Grades 9-12)	English 9 CP English 9	English 10 CP English 10	American Lit AP English Lang	English 12 AP English Lit
<b>Science</b> (Required Grades 9-11)	Biology CP Biology	Chemistry CP Chemistry	Variety Offered	Variety Offered
<b>Social Science</b> (Required Grades 9-11)	World History AP World History	US History I/II AP US History	Government (0.5) Personal Financial Literacy (0.5)	Elective Options

## Typical Course Progression for Math

	Level 1	Level 2	Level 3	Level 4	Level 5
<b>Typical Math Progression</b> (All students in grades 9-11 are required to be enrolled in a math class. At least three credits must be earned for graduation.)	Honors Math 8 <b>OR</b> Math 1	Math 2	Math 3	<ul style="list-style-type: none"> <li>● Trig/Pre-Calc OR</li> <li>● AP Statistics OR</li> <li>● Concurrent Enrollment courses</li> </ul>	<ul style="list-style-type: none"> <li>● AP Calculus OR</li> <li>● AP Statistics OR</li> <li>● Concurrent Enrollment courses</li> </ul>
			Exploring Data Science and Statistics	<ul style="list-style-type: none"> <li>● AP Statistics OR</li> <li>● Other 3rd level courses OR</li> <li>● Concurrent Enrollment courses</li> </ul>	<ul style="list-style-type: none"> <li>● AP Statistics OR</li> <li>● Concurrent Enrollment courses</li> </ul>
			Mathematical Modeling and Reasoning	<ul style="list-style-type: none"> <li>● AP Statistics OR</li> <li>● Other 3rd level courses OR</li> <li>● Concurrent Enrollment courses</li> </ul>	<ul style="list-style-type: none"> <li>● AP Statistics OR</li> <li>● Concurrent Enrollment courses</li> </ul>

## 2026-2027 High School Course Offerings: Five Star Online Academy

*This list represents the currently planned course offerings as of 1.1.2026.*

***As always, actual offerings will depend on student requests.***

\*\*Courses labeled “AP” (Advanced Placement) are weighted courses that have specific requirements, including an exam in May that allows students to earn college credit. Completion of this exam is required for a student to earn a weighted grade.

<u>Art</u>				
	Title	Length (Credit)	Synchronous Days/Week	Grade Level
6488	<a href="#">Art History</a>	Semester (0.5)	1	9-12
6500	<a href="#">Foundations of Art</a>	Semester (0.5)	2	9-12
6514	<a href="#">Drawing/Painting I</a> *\$20 fee	Semester (0.5)	2	9-12
6515	<a href="#">Drawing / Painting II</a> *\$20 fee	Semester (0.5)	1	9-12
6570	<a href="#">Photography I</a> (Digital)	Semester (0.5)	1	9-12
6575	<a href="#">Photography II</a> (Digital)	Semester (0.5)	1	9-12
<u>Business &amp; Technology</u>				
	Title	Length (Credit)	Synchronous Days/Week	Grade Level
160090	<a href="#">AI for Everyone</a>	Semester (0.5)	2	9-12
169071	<a href="#">Coding I</a>	Semester (0.5)	2	9-12
7330	<a href="#">Intro to Business</a>	Semester (0.5)	1	9-12
039080 & 049070	<a href="#">Intro to Entrepreneurship/ Principles of Management</a>	Year-Long (0.5 per semester)	1	9-12
049010 & 049080	<a href="#">Principles of Marketing A</a> <a href="#">Principles of Marketing B</a>	Year-Long (0.5 per semester)	1	9-12
169300	<a href="#">Web Design</a>	Semester (0.5)	2	9-12
190010	<a href="#">Workplace Internship and Readiness</a>	Semester (0.5)	1	10-12
169010	<a href="#">AP Computer Science Principles</a> ** **exam fee applies	Year-Long (0.5 per semester)	1	9-12 <i>Math 1 prerequisite</i>

## English

### English Core Classes

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
1908	English 9	Year-Long (0.5 per semester)	2	9
1907	CP (College Prep) English 9	Year-Long (0.5 per semester)	2	9
1180	English 10	Year-Long (0.5 per semester)	2	10
1181	CP (College Prep) English 10	Year-Long (0.5 per semester)	2	10
1153	American Literature & Composition (English 11)	Year-Long (0.5 per semester)	2	11
1491	English 12 Literature & Composition	Year-Long (0.5 per semester)	2	12
1131	<a href="#">AP Language &amp; Composition</a> ** <i>**exam fee applies</i>	Year-Long (0.5 per semester)	1	11
1133	<a href="#">AP Literature &amp; Composition</a> ** <i>**exam fee applies</i>	Year-Long (0.5 per semester)	1	12

### English Elective Courses

1170	<a href="#">Creative Writing</a>	Semester (0.5)	1	9-12
1177	<a href="#">Creative Writing/Short Story</a>	Semester (0.5)	1	9-12
1515	<a href="#">Lit to Film</a> <i>This is not an NCAA eligible course.</i>	Semester (0.5)	1	10-12
1520	<a href="#">Media Concepts</a> <i>This is not an NCAA eligible course.</i>	Semester (0.5)	1	9-12
1157	<a href="#">Mythology</a>	Semester (0.5)	1	10-12
1545	<a href="#">Yearbook Journalism</a> <i>This is not an NCAA eligible course.</i> <i>**May involve an application / selection process</i>	Year-Long (0.5 per semester)	2	9-12

## English Language Development

Multilingual learners are placed in one of these classes based on their language development needs.

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
0905	ELD: Newcomer	Year-Long (0.5 per semester)	4	9-12
0930	ELD: Emerging I	Year-Long (0.5 per semester)	4	9-12
0940	ELD: Developing I	Year-Long (0.5 per semester)	4	9-12
0945	ELD: Expanding I	Year-Long (0.5 per semester)	4	9-12

## General Electives

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
9017	Freshman Foundation (Required for grade 9)	Year-Long (0.25 earned per year, which is the equivalent of 0.125 per semester)	1	9
9015	Advisory (Required for grade 10)	Year-Long (0.25 earned per year, which is the equivalent of 0.125 per semester)	1	10
9047	<a href="#">Capstone Seminar</a>	Semester (0.5)	1	11-12
7001	<a href="#">SAT Preparation in English and Math</a>	Semester (0.5)	1	11-12
9025	<a href="#">Student Government</a> **May involve an application / selection process	Year-Long (0.5 per semester)	2	9-12

## JROTC

The Adams 12 Five Star School District's JROTC program is based at Northglenn High School. Any student that attends an Adams 12 High School is eligible to be enrolled in the JROTC courses. Students who are interested in joining the JROTC program should enroll in the appropriate Leadership Education and Training Course and will travel to Northglenn High School to attend this course in-person on a daily basis.

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
280010	LET (Leadership Education Training) 1 - The Emerging Leader	Year-Long (0.5 per semester)	5	9-12
280020	LET (Leadership Education Training) 2 - The Developing Leader	Year-Long (0.5 per semester)	5	Based on pre-requisite
280030	LET (Leadership Education Training) 3 - The Supervising Leader	Year-Long (0.5 per semester)	5	Based on pre-requisite
280040	LET (Leadership Education Training) 4 - The Managing Leader	Year-Long (0.5 per semester)	5	Based on pre-requisite

## Math

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
2155	Integrated Math I	Year-Long (0.5 per semester)	2	
2160	Integrated Math II	Year-Long (0.5 per semester)	2	<i>Math 1 or Honors Math 8 prerequisite</i>
2165	<a href="#">Integrated Math III</a>	Year-Long (0.5 per semester)	2	<i>Math 2 prerequisite</i>
110160	<a href="#">Mathematical Modeling and Reasoning</a>	Year-Long (0.5 per semester)	2	<i>Math 2 prerequisite</i>
110170	<a href="#">Exploring Data Science and Statistics</a>	Year-Long (0.5 per semester)	2	<i>Math 2 prerequisite</i>
2115	Trig/Pre-Calculus	Year-Long (0.5 per semester)	2	<i>Math 3 prerequisite</i>

2175	AP Statistics** **exam fee applies	Year-Long (0.5 per semester)	1	Math 3 prerequisite
2000	AP Calculus A/B** **exam fee applies	Year-Long (0.5 per semester)	1	Trig/Pre-calc prerequisite
2005	AP Calculus B/C** **exam fee applies	Year-Long (0.5 per semester)	1	Trig/Pre-calc prerequisite

## Physical Education

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
4110	Healthy Choices	Semester (0.5)	1	9-12
4116	<a href="#">Health II (Nutrition and Wellness)</a> *this will count as an elective credit	Semester (0.5)	1	10-12 Healthy Choices prerequisite
4190	<a href="#">Intro to Fitness</a> (Personal Fitness)	Semester (0.5)	1	9-12
4330	<a href="#">Lifetime Fitness</a> *can repeat for elective credit	Semester (0.5)	1	9-12
080100	<a href="#">Walking for Wellness</a> *can repeat for elective credit	Semester (0.5)	1	9-12

## Science

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
5020	Biology	Year-Long (0.5 per semester)	2	9
5026	CP (College Prep) Biology	Year-Long (0.5 per semester)	2	9
5070	Chemistry	Year-Long (0.5 per semester)	2	10
5080	CP (College Prep) Chemistry	Year-Long (0.5 per semester)	2	10
5155	<a href="#">Astronomy</a>	Year-Long (0.5 per semester)	1	11-12
5910	<a href="#">Earth Science</a>	Year-Long (0.5 per semester)	2	11-12
5201 / 5202	<a href="#">Environmental Science</a>	Year-Long (0.5 per semester)	1	11-12
5220	<a href="#">Forensics: The Science of Crime</a>	Year-Long (0.5 per semester)	1	11-12
5146	<a href="#">Ocean/Marine Biology</a>	Year-Long (0.5 per semester)	1	11-12
5100	<a href="#">Physics</a>	Year-Long (0.5 per semester)	1	11-12 Math 2 prerequisite
5205	AP Environmental Science** **exam fee applies	Year-Long (0.5 per semester)	1	11-12 See description for prerequisite
5030	AP Biology** **exam fee applies	Year-Long (0.5 per semester)	1	11-12 See description for prerequisite

## Special Education

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
0136	Voyager English I *English credit	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	9-12
1235	Readers *English credit	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	9-12
0161	Literacy Extensions II *Elective credit	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	9-12
0162	Literacy Extensions III *Elective credit	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	9-12
0163	Literacy Extensions IV *Elective credit; writing focus	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	9-12
2905	Foundation Math I *Math credit	Year-Long (0.5 per semester)	4	9-12
2906	Foundation Math II *Math credit	Year-Long (0.5 per semester)	4	9-12
0756	Interpersonal Development II *Elective credit	Year-Long (0.5 per semester)	4	9-12
0764	Academics I *Elective credit	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	9-10
0765	Academics II *Elective credit	Year-Long ( earn 0.25 credits per semester, for a total of 0.50 credits for the year.).	2	11-12

## Social Science

### Social Science Core Classes

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
3190	World History	Year-Long (0.5 per semester)	2	9
3205	AP World History <i>**exam fee applies</i>	Year-Long (0.5 per semester)	2	9 (core) 10-12 (elective)
3011 & 3012	US History I and US History II	Year-Long (0.5 per semester)	2	10
3025	AP US History <i>**exam fee applies</i>	Year-Long (0.5 per semester)	2	10 11-12 (elective)
150030	Personal Financial Literacy	Semester (0.5)	2	11
3905	Government	Semester (0.5)	2	11
3095	AP US Government & Politics <i>**exam fee applies</i>	Semester (0.5)	1	11 (core) 12 (elective)

### Social Science Elective Classes

3080	<a href="#">Law for Everyone</a>	Semester (0.5)	1	10-12
3110	<a href="#">Psychology I</a>	Semester (0.5)	1	11-12
3111	<a href="#">Psychology II</a>	Semester (0.5)	1	11-12 <i>Psychology 1 prerequisite</i>
3120	<a href="#">Sociology</a>	Semester (0.5)	1	11-12
3115	AP Psychology** <i>**exam fee applies</i>	Year-Long (0.5 per semester)	1	11-12
3196	AP Human Geography** <i>**exam fee applies</i>	Year-Long (0.5 per semester)	1	10-12

### World Language: Spanish

	Title	Length (Credit)	Synchronous Days/Week	Grade Level
8100	Spanish I	Year-Long (0.5 per semester)	2	9-12
8110	Spanish II	Year-Long (0.5 per semester)	2	<i>Based on prerequisite</i>
8120	Spanish III	Year-Long (0.5 per semester)	2	<i>Based on prerequisite</i>
8130	Spanish IV	Year-Long (0.5 per semester)	1	<i>Based on prerequisite</i>
8140	AP Spanish <i>**exam fee applies</i>	Year-Long (0.5 per semester)	1	<i>Based on prerequisite</i>

### World Language: German and French

*German and French will be offered through a partnership with Colorado Digital Learning Solutions. Students will work independently with support from a Five Star Online Academy teacher. Level 1 will not be available; these courses are designed for students who already completed the first level at a different school.*

8210	French II	Year-Long (0.5 per semester)	1	10-12 through CDLS <i>French 1 prerequisite</i>
8220	French III	Year-Long (0.5 per semester)	1	10-12 through CDLS <i>French 2 prerequisite</i>
8230	French IV	Year-Long (0.5 per semester)	1	11-12 through CDLS <i>French 3 prerequisite</i>
8310	German II	Year-Long (0.5 per semester)	1	10-12 through CDLS <i>German 1 prerequisite</i>

## Special Programs

In partnership with other high schools in Adams 12, students at Five Star Online Academy can participate in a variety of special programs that are aligned to their college & career goals for after high school. Please see the brief descriptions below and access additional information through the included links.

College Now	
<p><b>Five Star College Now</b> is a tuition-free program offering college-level coursework to 11th and 12th grade students in Adams 12 Five Star Schools. Courses are taught remotely in real-time by Front Range Community College (FRCC) instructors, with synchronous classes and asynchronous work. These courses appear on both high school and FRCC transcripts and are Guaranteed Transfer to any Colorado public college or university. Classes meet virtually twice per week from 4:00 - 5:15.</p> <p><b>Registration Process:</b> Ahead of each semester courses are determined based on several factors. Due to the nature and timing of these factors, exact courses are not included in course registration guides. Therefore once determinations are made, families are notified of the opportunity through district communication and instructed to follow the steps below. Registration ends one week before the end of the current semester.</p>	<p><a href="#">College Now Information</a></p>
P-Teach: Pathways to Teaching	
<p>P-TEACH is for students interested in becoming a teacher. Explore various educational career paths including Elementary Education, Special Education and Early Childhood. Students concurrently enroll and earn college credit through CU Denver. Classes will transfer to CU Denver, Front Range Community College and may transfer to other institutions.</p> <p>If you are interested, please enter Future Forward (FFCTE) on your schedule requests.</p>	<p><a href="#">P-Teach Guide</a></p>
Future Forward at Bollman and Washington Square	
<p>FutureForward Career and Technical Education (CTE) programming gives all students a competitive advantage as they enter college, career, or the military.</p> <p>If you are interested, please enter Future Forward (FFCTE) on your schedule requests.</p>	<p><a href="#">FFCTE Guide: English</a> <a href="#">FFCTE Guide: Spanish</a></p>
JROTC	
<p>The Adams 12 Five Star School District's JROTC program is based at Northglenn High School (601 W 100th Pl, Northglenn, CO 80260). Any student that attends an Adams 12 High School is eligible to be enrolled in the JROTC courses. Students who are interested in joining the JROTC program should enroll in the Leadership Education and Training Course (LET 1) and will travel to Northglenn High School to attend this course on a daily basis.</p> <p>If you are interested, please select LET 1 (course code <b>280010</b>) on your schedule requests.</p>	<p><a href="#">JROTC Guide</a></p>

# Art Course Descriptions

## **Art History**

0.5 credits

Grades 9-12

This course explores the main concepts of art, expression, and creativity as it helps students answer questions such as what is art; what is creativity; and how and why people respond to art. It covers essential design principles such as emphasis, balance, and unity. Units include: Art, History, and Culture; Western and World Art Appreciation; and Art and the Modern World.

Course Code: 6488

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Foundations of Art**

0.5 credits

Grades 9-12

In this introduction to Visual Arts, students will trace the history of art and describe various art forms. They will identify the elements of art and examine the principles of design and analyze the parameters in evaluating and critiquing art. They will examine copyright laws and discuss the ethical use of art.

Course Code: 6500

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Drawing and Painting I**

0.5 credits

Grades 9-12

\$20 course fee

This course offers a solid preparation for an entry-level art student or serves as a beginning experience for the non-art major. Drawing and Painting I is a class that teaches the elements and principles of design as they are applied to the many art disciplines. Student activities will include basic color theory with painting, basic drawing skills, a printing process, a three dimensional project and sketchbook/journaling

Course Code: 6514

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Drawing and Painting II**

0.5 credits

Grades 9-12

\$20 course fee

*Prerequisite: Drawing and Painting I*

This course challenges the student to go beyond the skills learned in Drawing and Painting I and opens up a world of possibilities. Assignments will be given for drawing, painting, and a combination of both disciplines. Mixing media and techniques, student activities may include work in oil pastels, acrylic on canvas, watercolor, pen & ink, graphite, printmaking and sketchbook/journaling. Working from both observation and the imagination will foster originality and self-expression.

Course Code: 6515

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

**Photography I (Digital)**

0.5 credits

Grades 9-12

Students will gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking their own spectacular shots. They will also learn how to display their work for exhibitions and develop skills important for a career as a photographer.

Course Code: 6570

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

**Photography II (Digital)**

0.5 credits

Grades 9-12

*Prerequisite: Photography I*

Building on the prior prerequisite course, students will further develop their photography skills by learning more professional tips, tricks, and techniques to elevate their images. Students will explore various photographic styles, themes, genres, and artistic approaches and learn more about photojournalism and how to bring their photos to life.

Course Code: 6575

Credit Hours: 1 semester class, 0.5 credits

Equivalent instructional time: 80 hours per semester

# Business & Technology Course Descriptions

*Students enrolled in Business & Technology Courses may be eligible for work-based learning (WBL) credit each semester. Please see your teacher for more information.*

## **AI for Everyone**

0.5 credits

Grades 9-12

In this hands-on and thought-provoking course, students explore how artificial intelligence is transforming the world around them and their own futures. Through real-world examples and creative projects, students learn how AI systems are built, trained, and applied to solve problems, while examining their benefits, limitations, and ethical implications. They gain practical experience using AI tools to generate ideas, identify patterns in data, and evaluate outputs critically and responsibly. From personal assistants and recommendation systems to robotics and generative models, students uncover how AI is shaping industries, influencing daily life, and raising new questions about creativity, privacy, and human oversight. By the end of the course, students will not only understand how AI works, but also how to use it thoughtfully to make a positive impact on their communities.

Course Code: 160090

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Coding I**

0.5 credits

Grades 9-12

Coding I is a Python course intended to teach students the basics of computer programming. Students begin by learning the history of computing, the impacts it has had, and the impacts it may have. Students explore career opportunities associated with coding.

The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multi-step procedures; understanding number systems and how they are used in programming; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications on a computer and/or microcontroller to correct malfunctions and ensure their proper execution.

Course Code: 169071

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Intro to Business**

0.5 credits

Grades 9-12

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.

Course Code: 7330

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Introduction to Entrepreneurship & Principles of Management**

1.0 credit

Grades 10-12

This course explores the business skills, personality traits, and commitment necessary to successfully plan, launch, and grow an entrepreneurial venture. This course will cover the challenges and rewards of entrepreneurship. This course will cover the role of entrepreneurial businesses in the United States and the world and their impact on our national and global economy. Additionally, this course provides an overview of the principles of management. Emphasis is on the primary functions of planning, organizing, staffing, leading and controlling with a balance between the behavioral and operational approaches. *Students will be enrolled in two semester-long courses (Intro to Entrepreneurship and Principles of Management.)*

Course Code: 039080 Intro to Entrepreneurship (S1); 049070 Principal of Management (S2)

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Principles of Marketing A & B**

1.0 credit

Grades 9-12

This course presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer. *Students will be enrolled in two semester-long courses (Principles of Marketing A and Principles of Marketing B). Both semesters are required to be taken together.*

Course Code: 049010 Principles of Marketing A (S1), 049080 Principles of Marketing B (S2)

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Web Design**

0.5 credits

Grades 9-12

Introduces web site planning, design and creation utilizing HTML through industry standard development tools. Emphasis is placed on applying stylistic decisions using cascading style sheets. Web based considerations regarding color, typography, aesthetics, user interface design, and process integration with visual based design tools will be explored.

Course Code: 169300

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Workplace Internship and Readiness**

0.5 credits

Grades 10- 12

Starting your first “real” job can be intimidating. But when you know what to expect and learn how to be successful, you'll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience! Students who successfully pass this Workplace Internships Readiness will have the opportunity to earn credit for a job or internship during the concurrent and subsequent semesters. More details will be provided to students who are enrolled in the course.

Course Code: 190010

Credit Hours: Semester long class, 0.5 credits

Equivalent Instructional Time: 80 hours per semester

## **AP Computer Science Principles**

1.0 credit

Grades 9-12

*Prerequisite: students must be enrolled in or completed Integrated Math II*

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. You can see more information on the College Board course [here](#). **\*\*This course may be taught in conjunction Colorado Digital Learning Solutions (CDLS)\*\***

### **Notes:**

- *AP courses are college-level courses.*
- *Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 169010

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# English Course Descriptions

## English 9

1.0 credit

Grade 9

English/Language Arts 9 builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually includes the four aspects of language use: reading, writing, speaking, and listening. This course introduces and defines various genres of literature, with writing exercises often linked to reading selections.

Course Code: 1908

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## CP English 9

1.0 credit

Grade 9

English/Language Arts 9 builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually includes the four aspects of language use: reading, writing, speaking, and listening. This course introduces and defines various genres of literature, with writing exercises often linked to reading selections. CP English 9 will include more challenging texts for reading and will also incorporate extension projects each semester.

Course Code: 1907

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## English 10

1.0 credit

Grade 10

English/Language Arts 10 offers a balanced focus on composition and literature. Students will learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

Course Code: 1180

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## CP English 10

1.0 credit

Grade 10

English/Language Arts 10 offers a balanced focus on composition and literature. Students will learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. CP English 10 will include more challenging texts for reading and will also incorporate extension projects each semester.

Course Code: 1181

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **American Literature (English 11)**

1.0 credit

Grade 11

English 11 is an American Literature course focused upon commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are required. First semester explores the relation between American history and literature from the colonial period through the realism and naturalism eras. Second semester explores the relation between American history and literature from the modernist period through the contemporary era and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons in both semesters focus on developing grammar, vocabulary, speech, and writing skills.

Course Code: 1153

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **English 12**

1.0 credit

Grade 12

English 12 courses provide a survey of literature and develop skills necessary as students make the transition into adulthood. Students improve their communication and critical thinking, while also determining the underlying assumptions and values within the selected works. They will understand how the literature reflects the opinions of the authors and the context. Students will explore both the personal, political, and business spheres in order to determine their place within them. Discussion is an integral part of literature courses, and written compositions are required. Each week includes a vocabulary overview to understand the standards, related reading, and a writing component.

Course Code: 1491

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **AP English Language and Composition**

1.0 credit

Grades 11

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

### **Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 1131

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **AP English Literature and Composition**

1.0 credit

Grades 11-12

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing). \*\*This course will be taught in conjunction Colorado Digital Learning Solutions (CDLS)\*\*

### **Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 1133

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# English Elective Course Descriptions

## **Creative Writing**

0.5 credits

Grades 9-12

Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own, and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.

Course Code: 1170

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Creative Writing/Short Story (Advanced Creative Writing)**

0.5 credits

Grades 9-12

This one-semester elective course is intended as a practical, hands-on guide to help you learn and sharpen your skills as a creative writer. You will identify the key elements of prose and poetry. You will look at writing for stage, film, and TV. You will learn about theatrical and film techniques, as well as technical effects that are typically used in electronic media. You will look at writing for younger audiences, for advertising, and journalism. You will learn how the publishing industry works. At key points in this course, you will get to assess your own original writing (either through self review against a set of guidelines or by a peer) and revise it before submission to the instructor. This is a writing intensive course.

Course Code: 1177

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Lit to Film**

0.5 credits

Grades 10-12

*This is not an NCAA eligible course.*

This course examines the complex cultural work of adapting literature to film. Through critical analysis of narrative fiction - short stories, novels, plays, graphic novels - and the films they inspire, students will investigate the history, narrative, conventions, iconic elements, and cultural significance of literary adaptations to film.

Course Code: 1515

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Media Concepts**

0.5 credits

Grades 9-12

*This is not an NCAA eligible course.*

Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media at the same skill level at which they engage with traditional print sources. A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting. Students consider their own positions as consumers of media and

explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and they study factors that can contribute to bias and affect credibility.

Course Code: 1520

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

### **Mythology**

0.5 credits

Grades 10-12

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

Course Code: 1157

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

### **Yearbook Journalism**

1.0 credit

Grades 9-12

*This is not an NCAA eligible course.*

This course will provide students with the knowledge and skills necessary to produce the yearbook. Students may gain experience in several components (writing, editing, layout, photography, production within publisher deadlines, etc.) as well as meet the journalism standards established by the Colorado Student Media Association. Students applying should be responsible and highly motivated to produce a book for the school representing the year's events. This course may involve an application / selection process.

Course Code: 1545

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# English Language Development Course Descriptions

In order to be enrolled in these classes, the student must take the WIDA ACCESS Test to determine level of English proficiency.

## **ELD: Entering I (Newcomers)**

1.0 credit

Grades 9-12

The Newcomer ELD course is designed to support students in developing the foundational vocabulary and academic language necessary to produce both written and oral communication at the entering level of English language acquisition. Skills that are developed and practiced support students to be successful in the classroom, school, and in their communities. At this level of ELD, students learn to communicate basic needs, wants, opinions, and ideas using phrases and simple sentences. Students develop skills to identify objects, people, and places with respect to familiar and concrete topics as well developing content knowledge through listening and reading. Students learn to follow one-step oral commands and instructions. Students also learn to participate in simple conversations one-on-one and in small groups using general vocabulary related to social and academic content topics. This course is organized through the following themes: Welcome to School, Personal Identity, Daily Life and Routines, Community, Health & Wellness, The World Around Us, Government & Influential People, and Wisdom & Advice.

Course Code: 0905

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **ELD: Emerging I**

1.0 credit

Grades 9-12

At this level of ELD, students learn to clearly communicate in speaking and writing needs, wants, opinions, and ideas using complete thoughts in social and academic contexts. Students will be able to follow multi-step oral commands and instructions. Students learn to participate in conversations one-on-one and in small groups using general and some specific vocabulary related to social and academic content topics. Students learn to identify main ideas and facts regarding content knowledge. In writing and speaking, students will experiment with sentence variety by using both simple and compound sentences.

Course Code: 0930

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **ELD: Developing I**

1.0 credit

Grades 9-12

At this level of ELD, students learn to clearly communicate wants, opinions, and complex ideas with confidence and native-like fluency. Students demonstrate content comprehension by asking for clarification and/or summarizing content while listening or reading. Students learn to understand figurative language used in discussions of familiar topics and begin to respond appropriately to language subtleties: i.e., humor, common idioms, and riddles. Students write about a variety of grade-level content area topics using appropriate format. Students' writing and speaking includes compound and complex sentences with vocabulary specific to content, appropriate transitions, and grammar structures approaching that of a native English writer/speaker.

Course Code: 0940

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

**ELD: Expanding I**

1.0 credit

Grades 9-12

At this level of ELD, students learn to clearly communicate information, opinions, abstract ideas, and complex ideas with confidence and fluency. Students increasingly use formal academic language with attention to grammar, vocabulary, intonation, and pronunciation. Students make inferences from an intended message to evaluate arguments and to synthesize content while listening and reading. Students comprehend others to offer opinions and feedback on unfamiliar social and academic content topics. Students demonstrate understanding of genre by choosing format and structure appropriate to purpose, audience, and topic. Students demonstrate reading and listening comprehension by responding appropriately to language subtleties (humor, idioms, irony, sarcasm, and figurative language) and are able to incorporate these features in their own speech and writing similarly to a native speaker.

Course Code: 0945

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# General Electives Descriptions

## **Freshman Foundations**

0.25 credit for the year

Grade 9

Freshman Foundations is a year-long, required course that supports students in balancing their academic load with their future goals. In addition to incorporating the ICAP curriculum, students will be guided in coping with stress, time management, study skills, college readiness, goal setting, and grade calculation.

Course Code: 9017

Credit Hours: Year-long class, 0.125 credits per semester

Equivalent instructional time: 20 hours per semester

## **Advisory**

0.25 credit for the year

Grade 10

Advisory is a year-long, required course that supports students in balancing their academic load with their future goals. In addition to incorporating the ICAP curriculum, students will be guided in coping with stress, time management, study skills, college readiness, goal setting, and grade calculation.

Course Code: 9015

Credit Hours: Year-long class, 0.125 credits per semester

Equivalent instructional time: 20 hours per semester

## **Capstone Seminar**

0.5 credits

Grades 11-12

This class focuses on improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical thinking skills. Capstone seminar offers students the opportunity to work within a small peer group to investigate areas of interest. Additionally this class will include college and career exploration and planning. This class meets students' college & career readiness requirements for graduation.

Course Code: 9047

Credit Hours: Semester-long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **SAT Preparation in English and Math**

0.5 credits

Grade 11-12

The SAT assesses academic readiness for college. It keeps pace with what colleges are looking for today, measuring the skills required for success in the 21st century. Our course prepares students to take the test by learning the content ideas they will be tested on.

Course Code: 7001

Credit Hours: Semester-long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Student Government (Student Leadership)**

1.0 credit

Grades 9-12

Student Government is committed to enhancing and improving the environment of Five Star Online Academy. We will promote school spirit, exemplify leadership, and form partnerships with the community, in order to make our school the best it can be. This course will emphasize leadership skills through class lessons as well as provide a regular meeting time for student government officers and members. Class work will include, but is not limited

to: Development of leadership abilities; Organization of school activities (requires work outside of class); Implementation and practice of communication skills; and Initiation and execution of service projects.

Course Code: 9025

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# Math Course Descriptions

## Integrated Math I

1.0 credit

These two semester-long courses are designed to enable all students at the high-school level to develop a deep understanding of the math objectives covered and leave them ready for their next steps in mathematics. The courses are built to the Common Core State Standards. The three units in Semester A advance students through the study of single-variable expressions to systems of equations, while Semester B covers functions, advanced functions, and concludes with a practical look at the uses of geometry and trigonometry.

Course Code: 2155

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## Integrated Math II

1.0 credit

*Prerequisite: Successful completion of both semesters of Integrated Math I*

Building on the concepts covered in Integrated Math 1, these courses are based on proven pedagogical principles and employ sound course design to effectively help students master rules of exponents and polynomials, advanced single-variable quadratic equations, independent and conditional probability, and more. Online and offline activities combine to create an engaging learning experience that prepares high school learners for their next step in their studies of mathematics.

Course Code: 2160

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## Integrated Math III

1.0 credit

*Prerequisite: Successful completion of both semesters of Integrated Math II*

Beginning with the simplification of rational and polynomial expressions, Semester A takes students through the next steps in mastering the principles of integrated math. These two semester-long courses focus on meeting Common Core objectives with engaging and interactive content. Semester B begins with the derivation of the trigonometric formula for the area of a triangle, and proceeds through the use of functions and on developing the critical thinking skills necessary to make logical and meaningful inferences from data.

Course Code: 2165

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## Mathematical Modeling and Reasoning

1.0 credit

*Prerequisite: Successful completion of both semesters of Integrated Math II*

This course allows students to apply foundational mathematical skills and analytical concepts to real-world situations. These courses focus on strategies required for problem solving, critical evaluation of numerical information, decision making, and economic productivity in real-world applications. Topics included are numeracy, ratio and proportional reasoning, modeling, financial literacy, spatial and geometric modeling, and statistics.

Course Code: 110160

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## Exploring Data Science and Statistics

1.0 credit

*Prerequisite: Successful completion of both semesters of Integrated Math II*

This course focuses on descriptive statistics, with an introduction to inferential statistics. Topics include event probability, normal probability distribution, collection and description of data, frequency tables and graphs, measures of central tendency and variability, random variables, and random sampling. Students will build a foundational knowledge of statistics and data science to prepare them for future math classes.

Course Code: 110170

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## Trig/Precalculus

1.0 credit

*Prerequisite: Successful completion of both semesters of Integrated Math 3*

Precalculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Precalculus also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits.

Course Code: 2115

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## AP Statistics

1.0 credit

*Prerequisite: Successful completion of both semesters of Integrated Math 3*

Following the College Board's suggested curriculum designed to parallel college-level statistics courses, AP Statistics courses introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. **\*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\***

### **Notes:**

- AP courses are college-level courses.
- Advanced Placement exam required, \$99 fee (subject to change based on the College Board).
- More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)
- AP courses cannot be dropped once they are approved.
- If the AP exam is not taken, the grade will not be weighted.

Course Code: 2175

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## AP Calculus AB

1.0 credit

*Prerequisite: Successful completion of Trig/Precalculus*

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals and antidifferentiation). **\*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\***

### **Notes:**

- *AP courses are college-level courses.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 2000

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **AP Calculus BC**

1.0 credit

*Prerequisite: Successful completion on AP Calculus AB or instructor approval*

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus BC courses provide students with an understanding of the concepts of calculus and experience with its methods and applications. These courses cover all of the calculus topics in AP Calculus AB as well as the following topics: parametric, polar, and vector functions; applications of integrals; and polynomial approximations and series, including series of constants and Taylor series. **\*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\***

### **Notes:**

- *AP courses are college-level courses.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 2005

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# PE Course Descriptions

## Healthy Choices

0.5 credits

Grades 9-12

Healthy Choices is a required course for all High School Students. This is an inclusive and comprehensive course designed to develop a sound foundation and understanding of how to practice a healthy lifestyle. Units covered within this course include: Personal Wellness, Nutritional Wellness, Mental and Emotional Wellness, Relationship Wellness, Comprehensive Human Sexuality, Violence Prevention and Substance Abuse. The Comprehensive Human Sexuality Unit will include lessons on Understanding Sexuality and Gender, Reproductive Systems and Conception, Abstinence and Birth Control, Sexually Transmitted Infections, and Teen Pregnancy. The Adams 12 Health Curriculum follows the state's academic standards for health, as well as current Colorado law, which requires that comprehensive health education is evidence-based, medically accurate, age-appropriate and culturally sensitive.

If you wish to **exclude** your student from any part or all of the in-class instruction of the High School Health Units listed above, you may do so using the district's opt-out form which will be included with the class syllabus or can be found on the district's website (<https://www.adams12.org/academics/curriculum-instruction/health-education-curriculum>). Students who opt out of any of the Health curriculum will be given alternative assignments to complete during the instructional time they miss for the excluded lessons/unit(s).

Course Code: 4110

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## Health II (Nutrition and Wellness)

0.5 credits

Grades 9-12

*Prerequisite: Successful completion of Healthy Choices. Elective credit*

This course is designed for students who want to explore a variety of options for improving and maintaining their individual fitness levels. The goal is to give students both the knowledge and the physical skills to develop and continue good lifelong fitness habits. Activities offered are similar to those of health clubs. This course offers elective credit.

Course Code: 4116

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## Introduction to Fitness (Personal Fitness)

0.5 credits

Grades 9-12

What does being fit really mean? Is it just based on physical appearance or is it something deeper? Though we strive to be healthy and make sensible choices, it's difficult to know how to achieve this. It's not only about losing weight or lifting a heavy barbell; in Personal Fitness you will learn about body functions, safety, diet, goals, and strategies for longevity. Human beings, in both body and mind, are complex and highly sensitive organisms that need the right attention to physically excel and feel great. Being fit is about living life to the fullest and making the most of what you have—yourself! Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.

Course Code: 4190

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Lifetime Fitness**

0.5 credits

Grades 9-12

Are you ready to boost your fitness knowledge and get active? This entry-level course is for any student who wants to improve and maintain their fitness. You'll build a strong foundation by learning how your heart and muscles work during exercise, how to train safely and effectively, different types of workouts, and how to use fitness checks to set personal goals and track progress. Through fun and engaging activities, you'll apply fitness concepts, explore a variety of physical activities, and develop healthy habits that extend beyond the classroom. This class isn't just about working out, it's about gaining the knowledge and skills to build lifelong fitness. By the end, you'll be ready to improve, maintain, and take charge of your own health.

*Students may repeat this class for elective credit if space is available.*

Course Code: 4330

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **Walking for Wellness**

0.5 credits

Grades 9-12

Walking for Wellness class is designed to promote physical activity and overall well-being through the simple and accessible practice of walking. In this course, you will discover the numerous benefits of walking, both for your physical health and mental well-being. Throughout the class, you will learn proper walking techniques, including posture, stride, and breathing techniques, to maximize the benefits of this low-impact exercise. We will also explore different walking styles and how they can help you achieve your fitness goals. In addition to the physical benefits, our Walking for Wellness class will also focus on the mental and emotional aspects of walking. We will discuss the positive effects of walking on stress reduction, mood enhancement, and cognitive function. You will learn mindfulness techniques to incorporate into your walking routine, allowing you to fully immerse yourself in the present moment and reap the full benefits of this mindful exercise.

- Students will be required to walk most days outside.
- Students will also be required to track distance, steps and heart rate.

*Students may repeat this class for elective credit if space is available.*

Course Code: 080100

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

# Science Course Descriptions

## Biology

1.0 credit

Grade 9

This inquiry- and virtual-lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. **Lab materials note:** None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common household items if they choose.

Course Code: 5020

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## CP Biology

1.0 credit

Grade 9

See description of Biology above. CP Biology will include more challenging texts, expanded learning of key concepts, and extensions projects each semester.

Course Code: 5026

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## Chemistry

1.0 credit

Grade 10

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter. It also addresses additional concepts and standards typically included in a full-year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). **Lab materials note:** Most hands-on labs employ relatively-common household materials.

Course Code: 5070

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **CP Chemistry**

1.0 credit

Grade 10

See description of Chemistry above. CP Chemistry will include more challenging texts, expanded learning of key concepts, and extensions projects each semester.

Course Code: 5080

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Astronomy**

1.0 credit

Grades 11-12

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe. Building upon the prior prerequisite course, dive deeper into the universe and develop a lifelong passion for space exploration and investigation. Become familiar with the inner and outer planets of the solar system as well as the sun, comets, asteroids, and meteors. Additional topics include space travel and settlements as well as the formation of planets.

Course Code: 5155

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Earth Science**

1.0 credit

Grades 11-12

Grade 10 with principal approval.

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school Earth and space science. Content topics include scientific processes and methods, the universe, the Precambrian Earth, the Earth's materials and tectonics, the hydrosphere and atmosphere, and human interactions with the Earth's systems and resources. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council. **Lab materials note:** Most hands-on labs employ relatively-common household materials.

Course Code: 5910

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Environmental Science**

1.0 credit

Grades 11-12

With the current changes in global climate, rising sea levels, and warming oceans, it is important for students to discover the state of Earth's systems and the consequences of human activities. Environmental Science provides students with a global view of their world and their role in it.

This two-semester class examines the scientific principles and concepts required to understand the interrelationships between ocean, land, and atmosphere that guide the natural world and allow Earth to be a planet suitable for life. Students identify and analyze environmental problems that are natural and human-made, determining their own ecological footprint in the world to discover how their activities affect the world around them. Students evaluate the relative risks associated with environmental problems and examine alternative solutions including clean energy, sustainable practices, and conservation, for resolving or preventing future environmental problems.

Course Code: 5201 and 5202  
Credit Hours: Year-long class, 0.5 credits per semester  
Equivalent instructional time: 80 hours per semester

### **Forensics: The Science of Crime**

1.0 credit

Grades 11-12

We watch with interest as crime scenes are dramatized on television and in film, and sit on the edge of our seat as various members of the justice system solve the most baffling cases. But what about the science behind the crime? Forensics: The Science of Crime explores the role science and technology plays in this fascinating and growing career. In this course, you'll learn the specialized skills and techniques used during a crime scene investigation and how evidence and data is expertly collected, preserved, and analyzed. With a strong focus on the innovative science used in the field as well as participation in interactive activities, you will follow the entire forensic process – from examining evidence to taking the findings to trial – and learn how the professionals are utilizing science to bring criminals to justice.

Course Code: 5220  
Credit Hours: Year-long class, 0.5 credits per semester  
Equivalent instructional time: 80 hours per semester

### **Ocean/Marine Biology**

1.0 credit

Grades 11-12

Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science you will begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist.

Course Code: 5146  
Credit Hours: Year-long class, 0.5 credits per semester  
Equivalent instructional time: 80 hours per semester

### **Physics**

1.0 credit

Grades 11-12

*Prerequisite: Successful completion of Math II*

Physics introduces students to the physics of motion, properties of matter, force, heat, vector, light, and sound. Students learn the history of physics from the discoveries of Galileo and Newton to those of contemporary physicists. The course focuses more on explanation than calculation and prepares students for introductory quantitative physics at the college level. Additional areas of discussion include gasses and liquids, atoms, electricity, magnetism, and nuclear physics. **Lab materials note:** None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common household items—such as paper and a pencil—if they choose.

Course Code: 5100  
Credit Hours: Year-long class, 0.5 credits per semester  
Equivalent instructional time: 80 hours per semester

## AP Environmental Science

1.0 credit

Grades 11-12

With the current changes in global climate, rising sea levels, and warming oceans, it is important for students to discover the state of Earth's systems and the consequences of human activities. AP Environmental Science provides students with a global view of their world and their role in it. It examines the scientific principles and concepts required to understand the interrelationships between ocean, land, and atmosphere that guide the natural world and allow Earth to be a planet suitable for life. Laboratory activities within the course support learning of these relationships through reflective, hands-on, or virtual experiences. In addition, students identify and analyze environmental problems that are natural and human-made, determining their own ecological footprint in the world to discover how their activities affect the world around them. Students evaluate the relative risks associated with environmental problems and examine alternative solutions including clean energy, sustainable practices, and conservation, for resolving or preventing future environmental problems. AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

### Notes:

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 5205

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## AP Biology

1.0 credit

Grades 10-12

To generate skills for lifelong learning, 25 percent of the lessons in Advanced Biology use student-driven, constructivist approaches for concept development. The remaining lessons employ direct-instruction approaches. In both cases, the lessons incorporate multimedia-rich, interactive resources to make learning an engaging experience. The AP approach to advanced biology topics helps students achieve mastery of abstract concepts and their application in everyday life and in STEM-related professions. Adhering to the curricula recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology courses emphasize four general concepts: evolution; cellular processes (energy and communication); genetics and information transfer; and interactions of biological systems. For each concept, these courses emphasize the development of scientific inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Biology courses include college-level laboratory investigations. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

### Notes:

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*

- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*  
Course Code: 5030  
Credit Hours: Year-long class, 0.5 credits per semester  
Equivalent instructional time: 80 hours per semester

# Special Education Course Descriptions

## **Voyager English I**

0.5 credit

Grades 9-12

A year-long course for students who require specialized instruction at a modified grade level aligned with English Language Arts grade level standards. Using literary and informational texts, students will learn and practice strategies to increase reading comprehension as well as instruction and opportunities to develop the writing skills necessary to convey their experience in the world, to produce thoughtful analyses of academic and real-world topics, and to develop well-reasoned arguments on relevant topics in their lives. This course includes the four aspects of language: reading, writing, speaking and listening. *English credit. Not an NCAA eligible course.*

Course Code: 0136

Credit Hours: Year-long class, 0.25 credits per semester

Equivalent instructional time: 40 hours per semester

## **Readers**

0.5 credit

Grades 9-12

A year-long course for students who require intensive, small group instruction for students who are reading significantly below their grade level peers. It is designed to depend and expand comprehension with close reading and increase reading fluency by engaging students in texts at their instructional levels. Integrated lessons will also incorporate word study, vocabulary, and writing. *English credit. Not an NCAA eligible course.*

Course Code: 0136

Credit Hours: Year-long class, 0.25 credits per semester

Equivalent instructional time: 40 hours per semester

## **Literacy Extensions II, III, and IV**

1.0 credit

Grades 9-12

A year-long course for students who are enrolled in grade level English classes, but require additional specialized instruction in all aspects of literacy including speaking, listening, reading and writing. The skills taught and practiced are directly aligned to grade level English Language Arts standards in order to increase overall literacy proficiency. *Elective credit.*

Course Code: 0161, 0162, 0163

Credit Hours: Year-long class, 0.25 credits per semester

Equivalent instructional time: 40 hours per semester

## **Foundations Math I**

1.0 credit

Grades 9-12

A year-long course for students who require specialized instruction at a modified grade level aligned with mathematics standards. The course emphasizes conceptual understanding, procedural skills, fluency and application. Units include Number Sense, Operations, Algebra, Statistical Analysis and Geometry & Measurement. Students who successfully complete Foundations Math I will continue to Foundations Math II. *Math credit. Not an NCAA eligible course.*

Course Code: 2905

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

**Foundations Math I, II**

1.0 credit

Grades 9-12

A year-long course for students who require specialized instruction at a modified grade level aligned with mathematics standards. The course emphasizes conceptual understanding, procedural skills, fluency and application. Units include Number Sense, Operations, Algebra, Statistical Analysis and Geometry & Measurement. Students who successfully complete Foundation Math II will continue to Integrated Math I. *Math credit. Not an NCAA eligible course.*

Course Code: 2905, 2906

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

**Interpersonal Development II**

1.0 credit

Grades 9-12

A yearlong course for students who require specially designed instruction in Social Emotional Learning, Executive Functioning and Social Communication. Instruction will be individualized based on student needs, and will include instruction and practice in self-awareness and self-management, social awareness and interpersonal skills, decision-making skills and demonstrating responsible behaviors. *Elective credit.*

Course Code: 0756

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

**Academics I, II**

0.5 credits (0.25 per semester)

Grades 9-12

A yearlong course for students who require specially designed instruction in skills related to academic success. Instruction will be individualized based on student needs, and will include instruction and practice in self-advocating, planning, organizing, and initiating tasks. *Elective credit.*

Course Code: 0764, 0765

Credit Hours: Year-long class, 0.25 credits per semester

Equivalent instructional time: 40 hours per semester

# Social Science Course Descriptions

## World History

1.0 credit

Grade 9

In World History, learners will explore historical world events with the help of innovative videos, timelines, and interactive maps and images. Learners will develop historical thinking skills and apply them to their study of European exploration, the Renaissance, the Reformation, and major world revolutions. They will also study World War I, World War II, the Cold War, and the benefits and challenges of living in the modern world.

Course Code: 3190

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## AP World History

1.0 credit

Grade 9

Grade 10 - 12 (as elective)

Following the College Board's suggested curriculum designed to parallel college-level World History courses, AP World History: Modern courses examine world history from 1200 CE to the present with the aim of helping students make connections of historical evolution across times and places. These courses highlight the interaction between humans and the environment; development and interaction of cultures; state-building, expansion and conflict; creation, expansion and interaction of economic systems; development and transformation of social structures; and technology and innovation. \*\*This course may be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

### Notes:

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 3205

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## US History I and II

1.0 credit

Grade 10

The course promotes the examination, analysis, and evaluation of important people and events in the history of the United States of America. The course also uses investigative questions to guide the examination and analysis of events. The content of the course is designed to promote understanding of the impacts historical events had on the numerous groups of diverse people who make up the United States. Clarifying Big Ideas (CBI) Lessons appear throughout the course to model critical thinking skills and strategies. These skills and strategies are woven throughout the lessons to allow students to practice using the skills in context. Activities further promote critical thinking about historical figures and encourage learners to analyze factors that impacted the decisions these figures made to shape the growth and development of the United States. The activities have learners analyze and evaluate primary and secondary sources, and have them form opinions while using evidence to support their opinions.

Course Code: 3011, 3012

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **AP US History**

1.0 credit

Grade 10

Grade 11-12 (elective credit)

Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critical problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past. \*\*This course may be taught in conjunction with the Colorado Digital Learning Solutions (CDLS) organization\*\*

### **Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 3025

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **Personal Financial Literacy (PFL)**

0.5 credits

Grade 11

This course surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.

Course Code: 150030

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **US Government**

0.5 credits

Grade 11

The interactive, problem-centered, and inquiry-based units in U.S. Government emphasize the acquisition, mastery, and processing of information. Semester A units include study of the foundations of American government and the American political culture, with units 2 and 3 covering the U.S. constitution, including its roots in Greek and English law, and the various institutions that impact American politics.

Course Code: 3905

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## **AP US Government and Politics**

0.5 credits

Grades 11 (core) and 12 (elective)

Within AP U.S. Government and Politics, students develop and use disciplinary practices and reasoning processes to explore political concepts, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students examine core principles, theories, and processes through direct study of U.S. foundational documents and Supreme Court opinions. They also participate in a civic project in which they research, study, and compile data on a political science topic and create a presentation that

exhibits their findings and experiences. The AP U.S. Government and Politics course is structured around five big ideas outlined within the College Board Advanced Placement United States Government and Politics Course Framework. Each big idea is aligned to enduring understanding statements and learning objectives that focus on key concepts and essential knowledge about foundations of American democracy, civil liberties and civil rights, interactions among branches of government, American political participation, ideologies, and beliefs. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\* This course does not meet the Personal Financial Literacy requirements for graduation.

**Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 3095

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

# Social Science Elective Course Descriptions

## Law For Everyone

0.5 credits

Grades 10-12

Imagine if there were no laws and people could do anything they wanted. It's safe to say the world would be a pretty chaotic place! Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Laws are essential to preserving our way of life and must be established and upheld in everyone's best interest. In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.

Course Code: 3080

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## Psychology I

0.5 credits

Grades 11-12

Have you ever wondered why you do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers! In Personal Psychology I: The Road to Self-Discovery, you will trace the development of personality and behavior from infancy through adulthood. You will come to learn more about perception and consciousness and better understand the role of sensation. Are you ready to explore the world of human behavior? Come explore all that psychology can offer to help you to truly understand the human experience.

Course Code: 3110

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## Psychology II

0.5 credits

Grades 11-12

*Prerequisite: Psychology I*

Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different from (or so similar) your brother's or sister's personality? Personal Psychology II: Living in a Complex World will allow you to explore what makes you 'you'. Why do some things motivate you more than others? How can you determine your IQ? If you've ever wanted to dive right into the depths of who you are and how you got to be you, jump on board and start your exploration now!

Course Code: 3111

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

## Sociology

0.5 credits

Grades 11-12

Human beings are complex creatures; however, when they interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Sometimes it can feel as if there are more questions than answers. Sociology I: The Study of Human Relationships seeks to answer these questions and many more as it explores

culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives. How does this happen? Join us and find out!

Course Code: 3120

Credit Hours: Semester long class, 0.5 credits

Equivalent instructional time: 80 hours per semester

### **AP Psychology**

1.0 credit

Grades 11-12

Following the College Board's suggested curriculum designed to parallel a college-level introductory psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods and ethics that psychologists use in their science and practice

**\*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\***

#### **Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 3115

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

[Syllabus](#)

### **AP Human Geography**

1.0 credit

Grades 10-12

AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction. Students also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). There are no prerequisites for AP Human Geography; however, students should be able to read college level texts and write grammatically correct, complete sentences. **\*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*** Students in grades 10 and 11 may only take this class in addition to US History.

#### **Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code: 3196

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# World Language: Spanish Course Descriptions

## Spanish 1

1.0 credit

Grades 9-12

In Spanish 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of social life. Students will start with basic sentence structures and grammatical tools, and they will learn to communicate by listening, speaking, reading, and writing in Spanish as they learn new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. In Spanish 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being and travel and tourism. They will build on what they learned in the Spanish 1B course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Course Code: 8100

Credit Hours: Year-long class, 0.5 credits per semester (1.0 total)

Equivalent instructional time: 80 hours per semester

## Spanish 2

1.0 credit

*Based on prerequisite*

In Spanish 2A, students will be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. Students will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employers. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what you learned in Spanish 1B to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Spanish 2B, students are reintroduced to Spanish in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. They will also describe different hobbies, activities, and crafts that people enjoy. Finally, students will discuss different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. They will build on what they have learned in the Spanish 2A course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Course Code: 8110

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

### **Spanish 3**

1.0 credit

*Based on prerequisite*

In Spanish 3, students will be reintroduced to Spanish in common situations, beginning with various daily routines, describing friends and family, childhood memories and activities, and childhood hopes and aspirations. They will discuss and describe art, such as paintings and sculptures, and literature, such as novels and novellas, and give reactions and form opinions about art and literature. Students will also understand the process of selecting and applying to a university, aspirations at the university, and dealing with leaving home and moving into a dormitory. Further, students will describe university life and expectations from the university experience. They will explore the dynamics and challenges of multiethnic and developing societies, environmental and social issues, causes and possible resolutions, and learning about unfamiliar countries using technology. Finally, they will discuss current events reported in the media, different types of classified and other types of advertisement in the media (both print and online), the sections and supplements of a newspaper or magazine, and various jobs available in the media. Students will build on what they learned in Spanish 2 to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Course Code: 8120

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

### **Spanish 4**

1.0 credit

*Based on prerequisite*

Spanish 4 will certainly expand your language skills. However, it will also take you on a fascinating cultural journey. You'll experience the language's rich traditions and superstitions. Through exploring the past, you'll come to understand the importance of community, family, and personal relationships. You will be immersed in culture—movement, art, music, literature. Meeting real people and hearing their stories will allow you to gain new vocabulary, have better command of the language, and understand your role as a global citizen. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

Course Code:8130

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## AP Spanish

1.0 credit

*Based on prerequisite*

AP Spanish will certainly expand your language skills. However, it will also take you on a fascinating cultural journey. You'll experience the language's rich traditions and superstitions. Through exploring the past, you'll come to understand the importance of community, family, and personal relationships. You will be immersed in culture—movement, art, music, literature. Meeting real people and hearing their stories will allow you to gain new vocabulary, have better command of the language, and understand your role as a global citizen. **\*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\***

### **Notes:**

- *AP courses are college-level courses. Students should be prepared for challenging work including summer homework assignments.*
- *Advanced Placement exam required, \$99 fee (subject to change based on the College Board).*
- *More information about AP can be found on their website at [www.collegeboard.org/ap](http://www.collegeboard.org/ap)*
- *AP courses cannot be dropped once they are approved.*
- *If the AP exam is not taken, the grade will not be weighted.*

Course Code:8130

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

# World Language: French & German Course Descriptions

*German and French will be offered through a partnership with Colorado Digital Learning Solutions. Students will work independently with support from a Five Star Online Academy teacher.*

*Level 1 will not be available; these courses are designed for students who already completed the first level at a different school.*

## **French 2**

1.0 credit

*Based on prerequisite*

Salut! Get set for some more adventure! In French 2, students are immersed in the French language and culture. This course is full of engaging and interactive videos, dialogues, presentations, self-checks, and much more! The purpose of this course is to further develop the French communicative skills of listening, speaking, reading, and writing. In French 2, students will broaden their French vocabulary and knowledge of grammar. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

Course Code: 8210

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester

## **German II**

1.0 credit

*Based on prerequisite*

Designed to further students' engagement with German language and culture, German II emphasizes grammar and syntax, vocabulary, and the spoken accent so that students can read, write, speak, and understand the language within predictable areas of need, using customary courtesies and conventions. German culture is introduced through the art, literature, customs, and history of the German-speaking People. \*\*This course will be taught in conjunction with Colorado Digital Learning Solutions (CDLS)\*\*

Course Code: 8310

Credit Hours: Year-long class, 0.5 credits per semester

Equivalent instructional time: 80 hours per semester