Sierra High School

Planning and Course Guide

2024-2025

Rev. 9.26.2024

SIERRA HIGH SCHOOL

Sierra's philosophy is that education must fall within the adage that schools teach students how to think and not what to think. We hold a moral obligation to prepare students to enter a complex society with the tools to effectively contribute to the betterment of their own community. Through pointed initiatives, and collaboration with stakeholders at all three levels, the holistic development of all children allows for 'Excellence in Every Endeavor.'

Great and Powerful Stallion Nation!

My name is Connor Beaudoin, and I am honored to continue the principalship at the historic and beloved Sierra High School! Having worked in Harrison School District 2 my entire career, I feel a deep connection to this community. As I continue my tenure as principal, I cannot help but feel a sense of humility and excitement as I undertake this awesome responsibility. Furthermore, I am humbled by the trust and confidence placed in me by the school district, and I am excited about the opportunity to work alongside a dedicated team of educators, staff, students, and guardians.

At Sierra High School, our mission is 'Excellence in Every Endeavor.' In order to achieve this mission, we believe best, first instruction is key. Therefore, we have become a Pre-AP campus where Pre-AP is for all. The Pre-AP framework not only raises the rigor of content while aligning to the SAT, but also highlights the four key pillars of Academic Conversations, Higher Order Questioning, Close Observation and Analysis, and Evidence-Based Writing. These four pillars can be found in every class that a student enrolls in and develops the necessity of common language and common expectations for teachers and students alike.

Furthermore, I will continue to work with the faculty and staff to create an exceptional educational environment that prepares students for success in whatever path they may choose. At Sierra High School, that looks like the development of Career and Technical Education (CTE) pathways. Students now have the opportunity to take CTE courses that align to Cybersecurity, Multimedia, Culinary Arts, Photography, Theatre, and Health Sciences. We will also focus on creating a positive and inclusive school culture that promotes respect, empathy, and shared beliefs.

Ultimately, I want to create a sense of community and belonging for all members of the school. I believe that by working together, we can reignite the Stallion spirit and make this school a source of pride for the Southeast Side.

I look forward to meeting and working with all of you in the coming months and years. Together, let's show the city of Colorado Springs what it truly means to be a Sierra Stallion!

Sincerely,

Connor Beaudoin
Principal
Sierra High School

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Sierra High School Administration & Counseling

Connor Beaudoin, Principal	cbeaudoin@hsd2.org
Kiki Fiddmont, Assistant Principal	kfiddmont@hsd2.org
Keith Bisaillon, Assistant Principal	kbisaillon@hsd2.org
Cynthia Jacquet, Assistant Principal	cjacquet@hsd2.org
Robert Bentley, Assistant Principal / Athletic Director	rbentley@hsd2.org
Marilyn Bemis, Counselor	mbemis@hsd2.org
Mika Marion, Counselor	mmarion@hsd2.org
Christina Darling Manning, Counselor	cdarlingmanning@hsd2.org
Kelly Oosterhous, Counselor	koosterhous@hsd2.org
Stephanie Mijo, Career and College Counselor	smijo@hsd2.org
Aimee Cantrell, Registrar	acantrell@hsd2.org

Sierra High School Staff Directory

https://shs.hsd2.org/

Every student of the District shall have equal educational opportunities through programs offered in the District regardless of race, color, ancestry, creed, sex, sexual orientation, religion, national origin, marital status, disability or need for special education services.
(Equal Educational Opportunities -JB).

If you have questions or concerns regarding the non-discrimination policies, please contact

Aisha Matthews
Human Resources Manager
1060 Harrison Road
Colorado Springs, CO 80905
719-579-2022
amatthews@hsd2.org

Planning and Course Guide

This guide will help you and your parents plan your school program while at Sierra High School. At the critical decision points in your high school career, you should review your educational and post-secondary goals with your parents and counselor and develop a program that will help you achieve these goals.

Graduation requirements are designed to give you a balanced program that will help you develop the skills and knowledge necessary to become a well-educated person. To fill out your course of study, a wide range of electives are available. These, if wisely selected, will help you explore and develop your interests and abilities.

Although your parents and counselor wish to help you in planning your high school curriculum, the responsibility for this planning rests with you.

In this book we have provided you with a four-year planning guide on Pages 107 and 108. You may find this helpful in choosing your course of study while in high school. Please review this course guide thoroughly and consult your counselor and teachers with questions you may have.

New Students

All students new to Harrison School District 2 need to register online at www.hsd2.org or at the central administration building located at 1060 Harrison Rd Colorado Springs CO 80905 prior to making an appointment with a counselor.

Registration Process

The courses studied at Sierra High School are designed to expand the experiences of all students and to prepare you for success in the workforce or further education after graduation. Because our counseling staff helps students plan with post-high school objectives in mind, they utilize the Colorado Individual Career and Academic Plan (ICAP) in a variety of ways to assist you in making the best course selections, career path choices, and helping find the best resources available.

Please consider the following:

- Registration for classes is only an indication by a student of his/her desire to take specific classes.
- Before selecting a course, check the course description to be sure it fits your needs, interests, abilities, and check that you have completed the prerequisites necessary for enrollment.
- Course descriptions accurately reflect course content, but it is not a guarantee that you will be able to drop a class once you have registered for it. Therefore, please carefully consider classes you select.
- There is a very good chance you will be scheduled into an alternate class so please select your second choices carefully.
- Know the graduation requirements and course load requirements and be sure you are meeting the standards to graduate.
- If you are in doubt about credits for graduation or requirements for college admission, set an appointment with your counselor.
- Be aware of college entrance, vocational, and NCAA requirements.
- Plan ahead - not just for next year but for your entire high school career keeping in mind adjustments can be made.
- Read course descriptions carefully and discuss your choices with your parents, teachers, and counselor.
- Determine your graduation requirement needs and double check your transcript for accuracy.
- Consider college entrance requirements and the type of diploma you are seeking.
- Students register for next year's electives in the spring.
- Students will be registered for core classes based on grade level and requests for upper-level classes.

Selecting Courses

Course Selection

School counselors provide registration materials and offer advice on the registration process. Please review this guide thoroughly and if you have questions or concerns, please consult your counselor. The course descriptions found in this guide accurately reflect course content; please make your choices thoughtfully because courses are based on student enrollment and student course selection. Registration materials must be turned in on time; students whose registration materials are turned in late may be unable to enroll in some elective choices. Some courses may be repeated for credit. Talk to your counselor for more details.

Dropping Classes

If there is a mistake in the placement in the class or the level of the class is inappropriate, classes must be dropped within the first five days of the 1st semester. Classes may be added/changed during the first five days of the fall semester for the entire school year for the following reasons:

- To meet graduation requirements for seniors.
- A class has already been taken and passed.
- To fulfill a teacher recommended change for extenuating circumstances.
- Keep in mind that no request for teacher changes will be honored.
- No requests for the same (or one) teacher will be honored when a two-semester class is taught by two different teachers.
- No requests will be honored if a student has an alternate course selection in his/her schedule.
- No request for lunch will be honored.

Course Corrections

Corrections are made before school starts and the first five days of the first semester of the school year, for the entire school year. No schedule corrections for 2nd semester. Corrections are allowed for the following reasons:

1. There has been a computer or clerical error, such as incomplete schedule, two of the same classes, etc.
2. There has been misplacement into a course contrary to the student's ability.
3. There is a course(s) a student must take to meet graduation requirements.
4. Adjustments are needed due to summer school credit.
5. Students will email their assigned counselor five days before Fall semester starts, if any of the above are applicable for the correction. Classes may continue to be added during the first five days of the fall semester. It is the responsibility of the student to make up all missed work when entering.

Students Receiving an F in Core Courses

Students earning an F in a core course (English, Math, Science, Social Studies, Foreign Language) and their parents/guardians have the responsibility to make sure that these credits are recovered to ensure that graduation requirements are fulfilled. Students may recover credits using OMI during the school year or during summer school. It is not the responsibility of teachers or counselors to make sure that courses are rescheduled and completed.

Students Receiving a D in Core Courses

Students should be aware that some colleges do not accept a D in core courses for college admission. Please research your college for more information and to determine if you need to retake a course.

Counseling

Harrison School District 2 students will discover true-self potential through social emotional learning, coping skills, resilience, and pathways to the future. Student achievement will be measured academically, socially, and emotionally. HSD2 counselors strive to equitably empower, support, and advocate for students so they may discover and achieve their full potential.

School Counseling Services (how to access)

To access counseling services for both students and parents:

- Send an email to your counselor to request a meeting.

Last Name	Counselor	Email
A – D	Christina Darling Manning	cdarlingmanning@hsd2.org
E – K	Kelly Oosterhous	koosterhous@hsd2.org
L – RI	Mika Marion	mmarion@hsd2.org
RO – Z	Marilyn Bemis	mbemis@hsd2.org
College & Career Counselor	Stephanie Mijo	smijo@hsd2.org

Graduation Requirements

Class of 2022 and Beyond Graduation Requirements

Graduation requirements are established by the Superintendent in conformity with the criteria of the North Central Association of Secondary Schools and Colleges and the State Department of Education. This policy addresses the graduation requirements for the graduating classes of 2022 and beyond. Harrison School District 2 believes that all graduating students must demonstrate competency in both required course work and elective areas of interest.

Students are encouraged to exceed the minimum requirements to better prepare for their post-graduation goals, including higher education, careers and lifelong learning.

Qualifications of Graduation (Credits Needed and Demonstrated Proficiency)
A total of twenty-three (23) high school credits plus a demonstrated Math and English proficiency will be required for graduation from high school. The graduation requirements include a menu of options students must use to show what they know or can do, beginning with the graduating class of 2022. Students must demonstrate college or career readiness in both English and Math based on at least one measure.

Student Load (Total Number of Credits Carried in A Year)
A normal load for freshmen, sophomores, juniors and seniors will be a minimum of six (6) units (credits) per year. Seniors on track to graduate are required to be enrolled into 5 credits their senior year.

Years of Attendance Needed
It is advisable that a student have four (4) years of high school experience in order to graduate. In some cases, students may be allowed to graduate in less time than four (4) years. In those cases, students satisfying all graduation requirements in less than four (4) years may apply for early graduation. Please schedule an appointment with your counselor. You will then need the approval of your parent/guardian and the principal.

Harrison School District 2 Graduation Requirements

Graduation Requirement	Requirements
English*	4
Mathematics*	3
Social Studies	3 Social Studies credits (0.5 credits must be from Government, and 1.0 credits must be from World History or U.S. History)
Physical Education	.5
Health	.5
Science	3 (2 credits must be lab based)
Electives	8
World Language	1
Total Credits	**23**

***see Menu of Options on Page 7**

Students who complete an entire sports season competing for SHS will earn ¼ credit of Physical Education Credit, up to a maximum of 2 credits during their high school career. After a student has earned a ½ credit for PE they could use additional credits toward electives. Students that attend Marching band will earn ¼ each year. **(See Page 26 for more information.)**

Course Load Requirements

One credit is earned for each course that meets for two (2) semesters. Half credits are earned for courses that are completed in one (1) semester.

Students should recognize the importance of their school records. A student's transcript records the accumulation of credits from ninth grade through twelfth grade. Grades for all classes are counted in the grade point average (GPA). AP (Advanced Placement) courses are weighted upon successful completion of the course, which includes taking the AP Exams. AP and CE (Concurrent Enrollment) course grades of A, B, C or a D are weighted with an additional 1.0 added. Grades for all other classes are on a standard 4.0 scale.

Students should review their transcripts regularly for errors and report suspected errors to the registrar, Aimee Cantrell: acantrell@hsd2.org

Registration procedures begin in January/February. Students are encouraged to study graduation requirements and course descriptions with their parents and also to consult with teachers for specific course or level recommendations. Some courses require teacher approval.

Appointments regarding registration may be scheduled with your counselor.

Credit Checks

Please access Infinite Campus and view your transcript and classes to make sure your credits are on track. Your counselor is available to work with you to ensure you have met your required credits for graduation.

Menu of Options

As part of graduation requirements, seniors must demonstrate College and Career Readiness with a proficient English score and a proficient math score in at least one of these measures.

Demonstration	English	Math
NEXT GENERATION ACCUPLACER	**241 on Reading or 236 on Writing**	**255 on Arithmetic (AR) or 230 on Quantitative Reasoning, Algebra, and Statistics (QAS)**
ACT	**A score of at least 18**	**A score of at least 19**
ACT WorkKeys	**A score of bronze or higher**	**A score of bronze or higher**
Advanced Placement (AP)	**A score of at least 2**	**A score of at least 2**
Armed Services Vocational Aptitude Battery (ASVAB)	**A score of at least 31**	**A score of at least 31**
Concurrent Enrollment	**Passing grade per District and higher education policy**	**Passing grade per District and higher education policy**
District Capstone Project	**Minimum of "Pass" score on District Capstone Project**	**Minimum of "Pass" score on District Capstone Project**
Industry Certificate	**Minimum of "Met/Pass" score on any one of the Industry Certification examinations**	**Minimum of "Met/Pass" score on any one of the Industry Certification examinations**
International Baccalaureate (IB)	**A score of at least 4**	**A score of at least 4**
Scholastic Assessment Test (SAT)	**A score of at least 470**	**A score of at least 500**
Collaboratively developed, standards - based performance assessment	**State-wide scoring criteria**	**State-wide scoring criteria**

HEAR (Higher Education Admission Recommendations)

In 2003, the Colorado Commission on Higher Education adopted the Higher Education Admission Recommendations (HEAR). HEAR are entry requirements for students planning to attend any of Colorado's public four-year colleges or universities. In addition to the Higher Education Admission Recommendations, students must also meet the recommendations in the table below. Meeting the HEAR recommendations does not guarantee admission to a four-year public institution. Colleges and universities may have additional recommendations. Private colleges and universities set their own admission standards, so students should contact those institutions directly for more admissions information.

The following table outlines the Higher Education Admission Recommendations (HEAR). These are the recommended classes for students planning to attend any of Colorado's four-year colleges or universities. These **do not** match the requirements to graduate from Sierra High School, however, all students should take these courses to increase the likelihood of acceptance at a four-year university.

Meeting HEAR does not guarantee admission to a four-year public institution. Additionally, colleges, universities, and certain academic programs may have additional admission factors. Students should contact those institutions directly for more information.

*Some four-year universities require 2 or 3 years of foreign language.

ACADEMIC AREA	REQUIRED
English	4 years (4 credits)
Mathematics	4 years (4 credits)
Natural/Physical Sciences (two units must be lab-based)	3 years (3 credits) 2 years (2 credits) must be lab-based.
Social Studies	3 years (3 credits) At least 1 year (1 credit) must be in U.S. or World History.
Foreign Language	1 year (1 credit) ***Some 4-Year universities may require 2 or 3 years of a foreign language.**

For more information on HEAR follow the QR code below:

Early Graduation Process

A student wanting to complete graduation requirements in December of their final year or earlier must meet with their counselor to determine if they are on track to graduate and are eligible for early graduation. In order to be eligible for early graduation as a senior, you must have already completed English 4 before the fall semester of your senior year. In order to graduate early as a junior you must be enrolled in English 4 or plan to take it over the summer, and have completed your menu of options. After meeting with the counselor an early graduation contract, detailed description of their plan, and a meeting with the principal, will be required. Despite early graduation status, diplomas will only be issued every year in May. Early graduates are ineligible to receive valedictorian/salutatorian ranking and forfeit their right for valedictorian/salutatorian rankings.

GPA (Grade Point Average) Calculation

GPA stands for Grade Point Average. It is a standard way of measuring academic achievement in the U.S. Each course is given a certain number of "credits", depending on the content of the course. You can find an example of it and also where to find your credits for a course on your transcript. An example can be found on Page 35.

1. Determine the number of points you've earned by gathering all your high school grades and award yourself four points for each A, three points for each B, two points for each C, one point for each D and no points for each F. Calculate the total points you've earned.
2. Determine the number of credits you've completed by calculating your total number of high school credits. Count each year-long course as one full credit and each semester-long course as a half-credit.
3. Divide your points earned by your credits earned.
4. Divide the total number of points you earned by your total number of high school credits. The answer equals your unweighted high school GPA.

Class Rank

2022-2023		
Grade	Grade Point Unweighted	Grade Point Weighted (CE and AP)
A	4.00	5.00
A-	3.67	4.67
B+	3.33	4.33
B	3.00	4.00
B-	2.67	3.67
C+	2.33	3.33
C	2.00	3.00
C-	1.67	2.67
D+	1.33	2.33
D	1.00	2.00
D-	0.67	1.67
F	0.00	0.00

Class Rank will be based on the weighted cumulative GPA for all GPA's less than or equal to 4.0. For GPA's over 4.0, total bonus points will determine class rank. Bonus points are awarded as outlined per semester credit. Class rank is a student's relative standing in their class. Class rank is determined by comparing the cumulative grade point averages (GPA) of all students in the class and ranking them in order from highest to lowest.

Valedictorian and Salutatorian

These positions are determined by the weighted GPA of students at the end of the first semester of their senior year. Counselors will inform the students who will fulfill these roles. These students will have roles at the graduation ceremony as well. The valedictorian will address their class and the salutatorian will have their biography presented.

Seal of Biliteracy

D2 recognizes students who have attained proficiency or higher in English and at least one other language with the D2 Seal of Biliteracy or the Colorado Seal of Biliteracy. These honors are given at graduation and a seal is placed on the individual student's diplomas.

Seal of Biliteracy Benefits

- increases job opportunities
- boosts salary potential: knowing a second language can increase pay by 10-15%
- provides students with a competitive advantage in the employment market
- increases opportunities for higher education
- improves opportunities for college scholarships
- enhances and honors connections with student's native language
- provides evidence of increased readiness for college and careers
- builds knowledge and understanding across cultures

Requirements

The Seal of Biliteracy is a state-driven opportunity for students to apply to a high school diploma. The Seal of Biliteracy requirements are as follows:

4. Demonstrate proficiency or higher in English by completing the English Language Arts coursework required for graduation with an overall GPA of at least 3.0 or higher AND one of these requirements:
   - Scoring 470 or higher on SAT EBRW
   - Scoring 25 or higher on ACT in both English and Reading exams
   - Scoring 3 or higher on Advanced Placement (AP) English Language exam
   - Scoring 3 or higher on Advanced Placement (AP) English Literature exam
   - Scoring 4 or higher on IB English exam

2. Demonstrate proficiency or higher in a language other than English by achieving one of the following:
   - Scoring 3 or higher on **World Language Advanced Placement (AP) exam**
   - Scoring 4 or higher on **World Language International Baccalaureate (IB) exam**
   - Completing a 4-year high school course of study of a single World Language with an overall GPA of 3.0
   - Advanced Mid (I-4 or higher) on **AAPPL** (Arabic, Chinese (Mandarin), French, German, Italian, Japanese, Korean, Portuguese, and Spanish)
   - Advanced Mid (I-4 or higher) on **ACTFL OPI & WPT** (Albanian, Amharic, Bengali/Bangla, Bosnian/Croatian, Bulgarian, Cantonese, Dari, Gujarati, Haitian Creole, Hebrew, Hindi, Malayalam, Pashto, Polish, Russian, Swahili, Tagalog, Tamil, Thai, Turkish, Ukrainian, Urdu, Vietnamese, Yoruba)
   - Advanced Mid (8 or higher) on each section of the **Avant STAMP 4S** (Arabic, French, German, Hebrew, Hindi, Italian, Japanese, Korean, Mandarin, Polish, Portuguese (Brazilian),

Russian, Spanish) **A score of 6 or 7 qualifies the student for the D2 Seal of Biliteracy, while a score of 8 qualifies the student for the Colorado Seal of Biliteracy

- If identified language exam **is not available**, student can submit a language portfolio that includes body of evidence demonstrating proficiency in each mode of communication for the target language.

D2 will encourage:

- students to maintain proficiency in native languages
- 8th grade students to enroll in World Language courses as they transition to high school
- 9th and 10th grade students to participate in World Language courses and maintain a GPA of 3 or higher
- Juniors and seniors on track to meeting the Seal requirements to apply within their junior year to allow for multiple opportunities to test if needed (11th grade students on track to apply as a senior must take the SAT and score 470 or higher on the EBRW section).

Differentiated Diplomas

The following outlines the diplomas one can receive at Sierra High School. Please see your counselor for more information.

<table>
<tr><th>Type of Diploma</th><th>Credits Needed</th><th>Min. GPA Unweighted</th><th>Additional Requirements</th></tr>
<tr><td>College and Career Ready</td><td>23</td><td>N/A</td><td>All Students earning any diploma must meet one of the following options for Math and English.

<table>
<tr>
<td><u>CLASSIC ACCUPLACER</u>
English:
62 on Reading Comprehension or
70 in Sentence Skills
Math: 61 on Elementary Algebra

<u>NEXT GENERATION ACCUPLACER</u>
English:
241 on Reading or
236 on Writing
Math:
255 on Arithmetic (AR) or
230 on Quantitative Reasoning, Algebra, and Statistics (QAS)

<u>ACT</u>
English:
18 pr ACT English
Math:
19 on ACT Math

<u>ACT WORKKEYS-NATIONAL CAREER READINESS CERTIFICATE</u>
English: Bronze or higher
Math Bronze or higher

<u>ADVANCED PLACEMENT (AP)</u>
2 on English Language & Composition, Literature & Composition, Psychology, US or World History, US or Comparative Government, or Human Geography
Math:
2 on Calculus AB, Calculus BC, the Calculus BC: AB sub-score, Physics, Chemistry, Statistics or Computer Science
ASVAB
English: 31 on the AFQT
Math: 31 on the AFQT</td>
<td><u>Concurrent Enrollment</u>
Minimum of a “C” in any one (not remedial level) of the Concurrent Enrollment College Courses

<u>DISTRICT CAPSTONE</u>
Minimum of “Pass” score on District Capstone Project

<u>INDUSTRY CERTIFICATE</u>
Minimum of “Met/Pass” score on any one of the Industry Certificate examinations

<u>International Baccalaureate (IB)</u>
English: 4
Math: 4

<u>SAT: SCORES UPDATED FOR NEW SAT (2016)</u>
English: 470
Math: 500

<u>COLLABORATIVELY DEVELOPED STANDARDS-BASED PERFORMANCE ASSESSMENT</u>
English:
State-wide scoring criteria
Math:
State-wide Scoring criteria</td>
</tr>
</table>
</td></tr>
<tr><td>Honors</td><td>23</td><td>3.25 or higher</td><td>Students must also meet the following options for Math and English

<table>
<tr>
<td><u>Advanced Placement AP (Same course choices as CCR diploma)</u>
English: 3
Math: 3`</td>
<td><u>Concurrent Enrollment</u>
Minimum of a “C” in any one (not remedial level) of the Concurrent Enrollment College Courses</td>
<td><u>SAT: Scores updated for new SAT (2016)</u>
English: 470
Math: 500</td>
</tr>
</table>
</td></tr>
</table>

Type of Diploma	Credits Needed	Min. GPA Unweighted	Additional Requirements	
Seal of Biliteracy (added to diploma)	23	3.0 or higher	In order for students to earn the Seal of Biliteracy, the must:	
			Demonstrate proficiency or higher in English by completing all the English Language Arts coursework required for graduation with an overall GPA of 3.0 or higher AND one of the requirements below: • Scoring 470 or higher on SAT EBRW • Scoring 25 or higher on ACT in both English and Reading exams • Scoring 3 or higher on Advanced Placement (AP) English Language exam • Scoring 3 or higher on Advanced Placement (AP) English Literature exam • Scoring 4 or higher on IB English exam	Demonstrate proficiency or higher in a language other than English by achieving one of the following: • Scoring 3 or higher on **World Language Advanced Placement (AP) exam** • Scoring 4 or higher on **World Language International Baccalaureate (IB) exam** • Completing a 4-year high school course of study of a single World Language with an overall GPA of 3.0 • Advanced Mid (I-4 or higher) on **AAPPL** (Arabic, Chinese (Mandarin), French, German, Italian, Japanese, Korean, Portuguese, and Spanish) • Advanced Mid (I-4 or higher) on **ACTFL OPI & WPT** (Albanian, Amharic, Bengali/Bangla, Bosnian/Croatian, Bulgarian, Cantonese, Dari, Gujarati, Haitian Creole, Hebrew, Hindi, Malayalam, Pashto, Polish, Russian, Swahili, Tagalog, Tamil, Thai, Turkish, Ukrainian, Urdu, Vietnamese, Yoruba) • Advanced Mid (8 or higher) on each section of the **Avant STAMP 4S** (Arabic, French, German, Hebrew, Hindi, Italian, Japanese, Korean, Mandarin, Polish, Portuguese (Brazilian) Russian, Spanish) **A score of 6 or 7 qualifies the student for the D2 Seal of Biliteracy, while a score of 8 qualifies the student for the Colorado Seal of Biliteracy • If identified language exam **is not available**, student can submit a language portfolio that includes body of evidence demonstrating proficiency in each mode of communication for the target language

Capstone

SHS Approved Service-Learning Project

Service-learning is an approach to teaching and learning in which students use academic and civic knowledge and skills to address genuine community needs. Service-learning is a type of experiential and project-based learning that drives students' academic interests and passions toward addressing real community needs. The process is a learner-centered cycle of inquiry, compelling young people to answer questions such as:

- What are the true needs in my community?
- What are the root causes of these needs?
- How, where, and from whom can I learn more?
- How can I contribute to a solution?

Service-learning puts students at the center of their learning, leading their own inquiry processes. Because the genesis of the idea and related research is the student's, service-learning is not traditional. The student leads the experience, problem-solving with peers and accessing the expertise of adults as needed. The experience leads to community action and sharing, in which the student applies critical thinking, communication, and team-building skills.

Since service-learning is often done outside of school, it is highly flexible. In these times of hybrid models, online learning, and busy working families, service-learning is especially well-suited to helping bridge the gulf between online, in-school and afterschool learning.

If you would like to complete a student Capstone as your graduation requirement, please see your school administrator to be considered for the Service-Learning Capstone Process.

Advanced Placement (AP)

Sierra High School participates in the College Board's national Advanced Placement Program.

Advanced Placement courses are the equivalent of introductory college courses. The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and colleges/universities. It exposes high school students to college-level material through involvement in an AP course and gives them the opportunity to show that they have mastered this material by taking an AP exam, which is given in May. Colleges/universities may then grant credit, placement, or both to students who have demonstrated mastery. Students benefit from taking AP courses by learning a subject in greater depth and developing skills that will be critically important to successful study in college. Homework in AP courses resembles the intellectual challenge and workload expected in a college course. Due to the rigor of AP classes, we recommend a student take no more than 3 AP classes per school year.

AP courses and courses that have an AP course as a prerequisite will be weighted. All courses that qualify for weighting will be clearly identified by the high school. For the "weight" to the applied to the grade, students must complete the entire course AND must take the AP exam or submit the required portfolio. Only grades of "A", "B", and "C" will be weighted. "Weighting" a grade adds point value to the grading when calculating the GPA and class rank. Therefore, an "A" earned in a weighted class will yield 5 grade points (4 points for the "A" and 1 additional point because the course is weighted), a "B" will yield 4 grade points, and a "C" will yield 3 grade points.

<u>The AP class cannot be dropped after the first five days of the first semester</u> and the student will remain in the AP class through the end of the second semester.

Further questions about AP can be directed to individual AP teachers or to one's counselor.

Teacher's Aide

Teacher Aide positions are only open to juniors and seniors. Students must be approved for this course by their counselor and teacher. These students must be on track with or ahead on credits and have no grade, attendance, or behavior issues. Please see your counselor for more information and to apply to be an aide. Students will receive ¼ credit per semester for this position.

Work Study and Internship Guidelines

Work Study allows students to earn credit for job skills and on-the-job training they learn from being an employee. Students gain a deeper understanding of the world of work; this WBL experience values a student's paid work experience as being an important part of developing work ethic, personal responsibility, and time management. To receive high school credit for this Work-Based Learning experience, students must be registered in the Work Study course at the beginning of the semester and complete feedback/reflection documents that will contribute to ICAP portfolio**.** Students may work during specified school hours or after school/on weekends. When possible, students should also be scheduled in a CTE class aligned with their career interests or a chosen pathway that supports this career. If students meet the requirements for Work Study, they will earn electives credit on their transcript (60 hours=.5 credit or 120 hours=1 credit, with a maximum of 1 credit/semester) and a maximum of 2 total credits toward graduation requirements.

An Internship is a structured work experience related to a high school student's career pathway curriculum and/or postsecondary plan. If students are on track with credits toward graduation and go through an extensive application/interview process, they may participate in paid/unpaid internships during the school day. Students often have received more advanced education and training in a specific career pathway to be considered for this opportunity.

The internship is a Work-Based Learning experience that can help meet industry demands for a more skilled workforce by providing opportunities for students to receive training, learn skills, and gain experience in all aspects of an industry. This WBL opportunity builds transferable workplace skills and helps students gain awareness of occupations of interest. All efforts will be made to align internships with a career pathway, but the availability of industry-aligned positions may not exactly match a student's chosen path. To receive high school credit for this Work-Based Learning experience, students must be registered in the Internship course at the beginning of the semester and complete feedback/reflection documents that will contribute to ICAP portfolio**.** If students meet the requirements for Internship, they will earn electives credit on their transcript (60 hours=.5 credit or 120 hours=1 credit, with a maximum of 1 credit/semester) and a maximum of 2 total credits toward graduation requirements.

See the Work Study Form on Page 109

Differentiated Programs and Services
Concurrent Enrollments Options

Concurrent Enrollment and Career Technical Education

Harrison School District 2 is proud to offer Concurrent Enrollment and Career Technical Education opportunities in partnership with colleges in the Pikes Peak region.

Concurrent Enrollment (CE)

Concurrent Enrollment is a program in which students can earn college credit while also earning high school credit.

D2 provides free college-level courses to high school students in the 9th – 12th grades and who show the ability to be successful in college courses. Course selections are guided by students' career or academic pathways and are offered on both high school and college campuses. Students receive college credit and high school grades toward D2 graduation requirements. Most college courses earn two semesters of high school credit. D2 pays tuition, books, and course fees based on the Colorado Community College System's regular tuition rate.

Please contact the Concurrent Enrollment Coordinator, Lilika Belet, lbelet@hsd2.org, with questions, concerns, or comments related to the Concurrent Enrollment Program.

Career and Technical Education (CTE)

Career and Technical Education (CTE) programs provide students with the knowledge, skills, and abilities to prepare for successful technical careers. Students get real-world, hands on experiences through CTE approved classes. CTE supports a thriving Colorado economy by providing quality educational learning that emphasizes core academic content, technical skills, workforce readiness competencies, work-based learning opportunities, leadership skills, and seamless transition to further education or employment.

Career and Technical Student Organizations (CTSOs) help students build leadership skills, promote positive work values, and reinforce the CTE curriculum to meet challenges of the workforce, economic development, and emerging occupations. Colorado approved CTE student organizations include: DECA, FBLA, FCCLA, FFA, HOSA, (SC)2, SkillsUSA, and TSA.

Students who earn an industry certification as part of an approved Career and Technical Education program may demonstrate proficiency in Mathematics and English (Reading, Writing, and Communication). To find out whether a CTE program has an approved industry certification, students should contact their CTE teacher or the CTE Coordinator.

Please contact the CTE Coordinator, Nick Williams, nwilliams@hsd2.org , with questions, concerns, or comments related to Career and Technical Education (CTE) programs.

Career Start

Career Start is a Pikes Peak State College program for 11th and 12th-grade students who wish to learn skills in a trade. This program allows students to explore career opportunities, gain knowledge and skills toward future career pathways at no cost to the student or their families!
Students must receive their counselor's recommendation to participate in this program. Students who meet the minimum requirements to participate will fill out an application through Pikes Peak State College. Students are required to ride the bus provided by HSD2 to the PPSC campus. Attendance for Career Start is required Monday - Friday for the duration of the program. PPSC sets the requirements for student attendance and participation.

Pathways include:

- Automobile Collision Technology
- Broadcasting and Electronic Media
- Criminal Justice
- Culinary Arts
- Cyber Security
- Diesel Power Mechanics
- Early Childhood Education
- Emergency Medical Technology
- Fire Science Technology
- Medical Office Pathways
- Nursing Assistant
- Multimedia Graphic Design
- Veterinary Assistant
- Welding
- Zoo Keeping

This is a competitive program and student applications are processed by PPSC on a first-come, first-served basis. If you wish to participate in Career Start, please contact Dr. Belet at lbelet@hsd2.org.

To learn more about Career Start and which programs are available see flyer below or visit: PPSC Career Start Webpage (https://www.pikespeak.edu/academics/high-school-programs/career-start.php)

PIKES PEAK STATE COLLEGE
Career Start

CAREER START

Career Start inspires high school students to explore career opportunities, gain knowledge and skills toward career goals, and earn college credits and certificates. All programs have the opportunity for further training and education through Concurrent Enrollment.

- Junior and senior high school students
- Classes held at the Centennial Campus
- Monday through Friday, 9:00-11:40 a.m.

For more information about Career Start please visit www.pikespeak.edu/Career-Start or call 719.502.3111

PROGRAMS

Automotive Collision Tech*
Automotive Service Tech*
Broadcasting & Electronic Media
Construction
Criminal Justice*
Culinary Arts*
Cyber Security*
Diesel Power Mechanics*
Early Childhood Education
Emergency Medical Technician
Fire Science Technology
Medical Office Pathways
Multimedia Graphic Design*
Nursing Assistant
Veterinary Assistant
Welding*
Zoo Keeping*

*Second year option available

Programs offered are based on student interest and enrollment and may be subject to change.

Harrison School District Two

College in High School Options

Advanced Placement

Sierra High School

- 18 courses offered in core & elective subjects Free AP test
- Earn college credit that can transfer to colleges
- Explore future college majors Prepare for the rigor of college
- Stand out to future colleges & scholarships

Career Start

All High Schools in D2

- For students in the 11th and 12th grades Explore career opportunities
- Earn college credit and certificates Programs include:
  - Construction
  - Criminal Justice
  - Welding
  - Zoo Keeping
  - And more!

Concurrent Enrollment

All High Schools in D2

- Students are enrolled at Pikes Peak State College
- Earn an Associates Degree before High School graduation
- Earn several college credits per semester 100% free tuition, books, fees, and supplies Students take college classes on the high school and college campus
- Students earn 60 college credits upon successful completion of an Associates Degree

International Baccalaureate

Harrison High School

- Earn between 3-10 credits per class
- IB Diploma upon successful completion of IB program
- Internationally recognized
- Earn credits at colleges like UCCS and CU Boulder
- Earn a minimum of 24 credits at any Colorado Public University
- Increases the likelihood of attending college after high school graduation

College Level Examination Program

All High Schools in D2

- Students take a single test in a subject matter in which they are fluent or demonstrate mastery
- World Language options include Spanish, French, and German in which students can earn up to 13 college credits
- Other subjects include math, history, literature, humanities, and more in which students can earn up to 6 college credits

Career & Technical Education

All High Schools in D2

- Learn trade industry disciplines Earn industry certification
- Choose from one of these career pathways:
  - Engineering, Technology & Media Arts
  - Skilled Trades & Technical Sciences
  - Health Science, Criminal Justice & Public Safety
  - Hospitality, Human Services and Education
  - Business, Marketing, Entrepreneurship, Finance & Public Administration

Culturally and Linguistically Diverse Education Department (CLDE)

CLDE Services at the High School Level

District 2 promotes a safe, encouraging, and engaging learning environment for all Multilingual Learners (MLLs) through its CLDE programs. Implementation of research-proven based English Language Development (ELD) teaching methods, by our highly qualified CLDE teachers, contribute to measurable growth in Listening, Speaking, Reading, and Writing as well as in all Academic Content Areas. Our goal is to support MLs to meet the same academic standards that all students are expected to meet with the appropriate scaffolds needed to meet their language level needs.

Upon enrollment, families fill out D2 Home Language Survey (HLID). Based on this HLID, a parent interview is conducted, and a body of evidence is collected including the WIDA Language Screener. Parents and Guardians are notified of the testing results, qualification for ELD services, and program of service after all identification steps are complete. An ML Plan is developed for all active NEP (Non English Proficient) and LEP (Limited English Proficient) students while Monitor Year students are placed on a Monitor Plan. Families receive a copy of these plans at Conferences in October or after two weeks for students enrolled after October conferences.

All high school ML students will:

1. Receive targeted, specific language support in social & instructional English and in math, science, social studies, and language arts (Colorado English Language Proficiency standards).
2. Have access to grade-level content as determined by state standards through research-based teaching methods delivered by CLDE educators in conjunction with content area teachers (Colorado Academic Standards).

D2 makes content areas accessible through 50/50, co-teaching, pull-out, push-in, collaboration between core and specialized instruction, and SIOP models in addition to targeted ELD classes at the secondary level.

Annually, students are assessed with the Colorado WIDA ACCESS 2.0 State Test to measure growth and language acquisition in the areas of Listening, Speaking, Reading and Writing. Families are notified of ACCESS testing results and applicable redesignation status (NEP, LEP, FEP) by the individual schools. When students meet the testing criteria and body of evidence criteria to move from LEP to FEP, they are redesignated to FEP (Fluent English Proficient) Monitor Year 1 per CDE guidelines.

Once a student is redesignated as FEP, if the ML student continues to make academic progress in year 1 of monitoring, as determined by the school/district, the following school year the student is placed in year 2 of monitoring. Upon completion of two full school years of monitoring, the ML student will be reclassified to exit year.

When schools/districts determine ML students are Fluent English Proficient (FEP), they must monitor students' linguistic and academic progress for two years. If the ML student is not progressing academically as expected, and monitoring suggests a persistent or developing language need, schools/districts should consider re-evaluating the student's English language proficiency level and determine if the student needs additional English Language Development (ELD) program services and provide the appropriate English language development instruction. If the student is re-entered into the ELD program, the school/district must document the reasons why and provide notification to and receive consent from the guardian(s) of the ML student.

Upon completion of two years of monitoring and two years of exit status, a student is eligible to be exited formally from the ELD program and classified (Former English Language Learner) FELL.

51 Different Languages are spoken in HSD2, 93% Spanish, the top three languages are: Spanish, Tagalog, and Arabic/Vietnamese

Contact Information:

- **Tamie Hollon** – CLDE Director, thollon@hsd2.org, 719-579-2590
- **Isabel Clamons** - CLDE Support Coordinator, iclamons@hsd2.org , 719-579-2616
- **Christina Clayton** - CLDE Instructional Coordinator, cclayton@hsd2.org , 719-579-3246
- **Annette Ontiveros** - CLDE Instructional Coordinator, aontiveros@hsd2.org , 719-538-1339
- **TBD** – CLDE Secretary to the Director, 719-579-2591
- **Cindy Delgado**, Bilingual Tester, cdelgado@hsd2.org, 719-579-3253

Gifted Education (GE)

Harrison School District 2 is dedicated to meeting the needs of our diverse gifted learners by building upon their academic and/or talent area strengths. We are committed to providing rigorous, student interest-based learning that will grow the leaders of tomorrow.

Gifted students are persons between the ages of four and twenty-one whose abilities, talents, and potential for accomplishment are so exceptional or developmentally advanced that they require special provisions to meet their educational programming needs.

Gifted students include students with disabilities (i.e. twice exceptional), and students with exceptional abilities or potential from all socio-economic, ethnic, and cultural populations. Gifted students are capable of high performance, exceptional production, or exceptional learning behavior by virtue of any or a combination of these area of giftedness:

- General or specific intellectual ability
- Specific academic aptitude
- Visual arts
- Performing arts
- Music
- Dance
- Psychomotor
- Creativity
- Leadership

Gifted identification process is a five-step process:

1. Refer for Consideration: any parent/guardian, teacher, student, or peer may refer a student for identification.
2. Convene Committee: an educational team consisting of HSD2 Gifted Education Coordinator, school level gifted education facilitator and/or building administrator will meet to initiate the collection of data used in body of evidence.
3. Synthesis of Body of Evidence: a body of evidence will be collected which may include assessment results, classwork, teacher and parent input and observation. The screening committee will determine next steps based on body of evidence.
4. Communicate Results: the GE Coordinator will communicate the results of the nomination to all stakeholders. A parent, teacher or student has the right to appeal the identification decision.
5. Development of an Advanced Learning Plan: if a student is identified as a gifted learner, the educational team, along with parent/guardian, will meet to develop an Advanced Learning Plan (ALP). This individualized plan will outline student learning goals/objectives and identify instructional programming/strategies to ensure student growth. This plan serves as a record of student progress and will be updated on a yearly basis.

Special Education (SPED)

The mission of the Special Education Department is to collaborate with families, staff, and community to ensure students with special needs acquire the knowledge, skills, attitudes, and behaviors necessary to personally succeed and contribute to the common good. The district offers an extensive continuum of services to meet the diverse and individual needs of each student as determined by the student's IEP team, including the parent. These services include:

- Academic supports
- Social Emotional and Behavioral supports
- Speech and Language Therapy
- Occupational Therapy
- Physical Therapy
- Applied Behavior Analysis
- Orientation and Mobility
- Services for students who are deaf and hard of hearing or visually impaired

Special Education Evaluations and Re-Evaluations:

Evaluations are provided at no cost to parents. Referrals for individualized evaluations are completed within the timeframe mandated by the Individuals with Disabilities Act (IDEA). Evaluation materials are not discriminatory and are provided in the child's primary language or mode of communication unless it is clearly infeasible to do so. A variety of assessment tools are used for evaluation, and limited English proficiency is not used to measure a child's need for special education and related services. Evaluations will use a variety of assessment tools and strategies to get information regarding students functional, developmental, and academic information about the student. The choice of technically sound assessment instruments will be determined by the evaluator. A re-evaluation is done if the IEP team determines conditions warrant, every three years in the IEP process, or at the request of the parent or teacher. Full and individual evaluations will be conducted before the initial provision of special education and related services.

Point of Contact:

If your student receives services according to an IEP, your main point of contact regarding special education related questions is your student's Case Manager. Case Managers are Special Education teachers or Speech Language Pathologists who lead the IEP process for their students. Their names and contact information are identified on your student's IEP. Each school has a School Psychologist who is also instrumental in answering any special education related questions and can help point you in the right direction for your communication needs.

Requests for Special Education:

Note: If your student currently has an IEP, you may request an additional IEP meeting at any time.

If your student is not identified with an educational disability, and you would like to request an evaluation of this need, please contact the Special Education Department at 719-579-3240.

Section 504

Section 504 of the American's with Disabilities Act (ADA) as it relates to education ensures that people with disabilities receive the appropriate protections and accommodations to be able to access educational opportunities at the same level as their non-disabled peers.

Services:
Services are delivered within the general education setting as part of the student's schedule, and the accommodation plans are designed to meet the individual needs of a particular student as not all disabilities impact a person in the same manner.

Point of Contact:
If your student receives services according to a 504 Accommodation Plan, your main point of contact regarding 504 related questions is your student's counselor. Counselors lead the team that convenes for the process for creating an accommodation plan, if necessary, for their students to have equal access to opportunities in the educational setting.

District Student Office main number: 719-579-2550

Requests for 504 Accommodations Plan:
Note: If your student currently has a 504 Plan, you may request an additional 504 meeting at any time.
If your student is not identified with a disability, and you would like to request an evaluation of this need, please contact the building administration or counselor.

Credit Options

NCAA & NAIA Academic Eligibility Guidelines

If you plan to participate in college athletics as a college freshman or as a junior/community college transfer, you must register and be certified by the NCAA Eligibility Center and the NAIA Eligibility Center.

As a freshman in high school, you and your parent/guardian should create a profile at the NCAA Eligibility Center and register as a parent/guardian and student at the NAIA Eligibility Center. At this time, you should acquaint yourself with academic guidelines to meet NCAA and or NAIA requirements to play as a college freshman. Each level of the NCAA has different eligibility requirements. Courses marked with NCAA are approved by the NCAA for certifying an athlete's eligibility and play Division 1 or Division 2 athletics as a college freshman. The NAIA has different requirements for athletes than NCAA Division 1 and Division 2. Division 3 of the NCAA has separate requirements.

If you plan on playing NCAA Division 1 or Division 2, please make sure you are taking courses that are marked with NCAA. As a potential college athlete your GPA, class rank and college entrance test score are important. On Page 111 there is a NCAA Division 1 course tracker that should be used by the parent/guardian and the student. NCAA Division 1 academic requirements are the most stringent. If you meet NCAA Division 1 academic requirements you should meet requirements for the other NCAA Divisions and the NAIA. Please remember these are requirements to play athletics. Parents/Guardians along with the student must also meet the entrance requirements of each specific college/university.

Visit the sites below to register or create accounts:

- ncaa.org/student-athletes/future/how-register or web3.ncaa.org/ecwr3/
- play.mynaia.org

<u>It is the responsibility of parent/guardian and student to know NCAA required courses and requirements at Division 1, 2, 3 and the requirements of the NAIA.</u>

See the NCAA Forms on Pages 110 - 111.

Special Credits

Marching Band

To earn a ¼ credit per marching band season/competition:

- Attend 90% of practices
- Miss no more than one marching contest/event
- Finish the marching season in good standing
- Return any materials, uniform or equipment to band program

The band instructor will turn in a marching band roster to the building athletic director for verification from information above. After verification, the athletic director will turn in the roster to the registrar.
Only passing grades (P) will be noted.
Any credit after the half credit needed for PE will become an elective credit.

Athletics

To earn a ¼ credit per specific sport season:

- Attend 90% of practices
- Must dress out and/or play in 90% of regular season contests
- Finish the season in good standing
- Return any materials, uniform or equipment to sport completed

The head coach will turn in a sport specific roster to the building athletic director for verification from the information above. After verification, the athletic director will turn in the roster to the registrar.
Only passing grades (P) will be noted.
Any credit after the half credit needed for PE will become an elective credit.
Managers or students acting in that capacity cannot receive credit.

Credit Recovery

We realize there may be times in your high school career that you need to make up a credit(s) because of a failed class. On-site blended learning courses are available through Edmentum as online monitored instruction. Please schedule an appointment with your counselor for options.

*Available courses located in Appendix B

Course Description OMI 9909851

This is a blended learning course where direct instruction takes place in-person on site and the curriculum is digitally delivered asynchronously off-site.

Summer School

Summer school is offered to students who may need credit recovery but is subject to change depending on need and availability. Please contact your counselor or the district office for more information.

Career Readiness Academy

The Career Readiness Academy (CRA) is an alternative school for students who are seeking a different path to graduation. CRA is available to any HSD2 student and is located at 200 Loomis Ave in Stratmoor Hills. CRA has a highly qualified professional staff which includes an online monitoring instructor, a math and English teacher, social worker, career education coordinator and academic/college counselor. Some advantages to attending CRA include Work Based Marketplace Learning with hands-on real-world experiences, job shadowing and paid/un-paid internships. Please see your counselor for more information or call (719) 579-2580.

Aspire Online Academy High School

Aspire Online Academy High School is a multi-district school, which is open to any student living in Colorado and is an option for students who prefer to work from home to meet their graduation requirements. AOA follows the same guidelines as a traditional in-person school. Courses are set up through a program called Colorado Digital Learning Solutions (CDLS), which allows students to work asynchronously in all classes. CDLS has highly qualified professional staff that conduct the classes online. Through the CDLS program students have several opportunities to explore CTE elective courses designed toward their future aspirations that may not be offered in other schools. AOA also has highly qualified staff (High School Coordinator, Counselor, English teacher, Math teacher, History teacher) within the school to support all students with their online work. AOA is located at 200 Loomis Ave in Stratmoor Hills. You may contact our Registrar at (719) 579-2188.

Preparing for College and Career/ICAP

ICAP: ICAP stands for Individual Career and Academic Plan. ICAP is a college and career readiness plan for all students in the 9th-12th grades. Counselors will be assisting students through ICAP lessons throughout the year. It is difficult to generalize about college entrance requirements since each college has individualized requirements and selection processes. Colleges are generally looking for students who have consistently challenged themselves academically and who have proven their capabilities for rigorous studies by achieving above average grades in high school. Be sure to use the many resources in the counseling center college to work directly with your counselor to help determine specific information about colleges. Colleges place the greatest emphasis on the student's high school transcript. This official document includes an indication of the depth and scope of the courses taken (curriculum), the grades received in those courses (achievement), and a comparison of other students (grade point average and class rank). Patterns of consistency, steady improvement, or declining achievement are also reflected on the transcript.

D2 ICAP Framework: In 2009, Senate Bill 09-256 was enacted into law with a requirement that by September 2011, all students grades 9 - 12 would have access to a process within their high school to create and manage an Individual Career and Academic Plan (ICAP). The HSD2 Counseling Coordinator and Peak Education led the College and Career (C3) Committee (one high school principal, one assistant principal, two counselors and a teacher) in developing an ICAP framework that aligns with the Colorado Department of Education's (CDE) expectations and requirements. The process started with researching award-winning ICAP plans across the state of Colorado, as well as ICAPs that were recognized for excelling in certain aspects of the ICAP experience. Lessons and activities on Naviance and other college platforms were evaluated to understand transferability to the Xello platform. This information was utilized to create the ICAP framework in which the C3 committee helped finalize by selecting Xello lessons that fit with required activities and brainstorming additional activities. CDE lists eight quality indicators to evaluate if an ICAP process is meaningful and effective for students and their families. These quality indicators include:

1. self-awareness
2. career awareness
3. post-secondary aspirations
4. post-secondary options
5. environmental expectations
6. academic planning
7. employability skills
8. personal financial literacy

More info on quality indicators can be found at:
https://www.cde.state.co.us/postsecondary/hsqualityindicatorsandelements

All grade-level ICAPs will incorporate some aspect of all eight quality indicators, but each grade level will have a "theme" of the year that focuses predominantly on two quality indicators.

	Required ICAP Activities	Xello Lessons	Counselor-Developed Lessons/Activities
9th	***Theme: Self Awareness & Academic Planning*** ***High School 101*** • Who is your counselor? • Review Graduation Requirements • Understanding your Transcript • 4-Year Plan • Getting Involved • Interest Inventory • Goal writing • Xello platform training (log in and introduction)	***High School 101:*** • Study Skills and Habits • Getting Experience • Transition to High School* • School Subjects at Work* • Time Management* • Self-Advocacy* ***Interest Inventory:*** • Interests – Explore Career Matches (revisit Matchmaker assessment from 8th) • Exploring Career Factors *Xello Lessons: Decision Making & Personality Styles* *Lessons with asterisks (*) should be done in middle school (MS), but should be completed during the start of 9th grade if not in MS.*	• Part of the High School 101 lesson to complement the Xello lessons. • Goal Writing • Xello Platform Training (log in and introduction)
10th	***Theme: Career Awareness and Post-Secondary Aspirations*** • Plan for graduation requirements ▫ Discussion about menu of options/PSAT • Career Exploration • Explore and understand the pathways • 4-year, community colleges, apprenticeships, certificates, tech schools and military • Revisit goal writing • Update portfolio\Storyboard (Building Your resume)	• Career Exploration: Career and lifestyle costs lesson • Explore and Understand Pathways: Program prospects • Updating Storyboard (Building Your Resume) • Getting Experience	• Graduation Requirements & Menu of Options • Goal Writing • Professionalism 101 certificate and creating a sign-in for PPBEA site

11th	***Theme: Post-Secondary Options and Employability Skills***
	• Plan for graduation requirements
	• Testing plan SAT, ACT, AP, etc.
	• Explore and save:
	  ▫ 3 careers
	  ▫ 3 colleges
	• Revisit goal writing and updating portfolio/Storyboard
	• Additional activities based on group:
	  ▫ 4-year
	  ▫ 2-year
	  ▫ Certificate/apprenticeships/technical/workforce
	  ▫ Military groups.
		• Save 3 careers on Xello + Career Demand Lesson
		• Save 3 colleges on Xello + Choosing a College Lesson
		• Workplace Skills & Attitudes Lesson
		• Financial Aid Application (FAFSA/CASFA)
			Testing Plan
			Additional Activities based on post-secondary group (supported by college and career counselor):
			• 4-year: learn about FAFSA, college applications, scholarships, interviewing and essay writing
			• 2-year: learn about FAFSA, college applications, scholarships
			• Certificates/apprenticeships/technical/workforce: Career Resume, applications, interviewing, career pathways.
			• Military: Military pathways, ASVAB, ROTC options, NROTC scholarships
			• Professionalism 101 certificate and creating a sign-in for PPBEA site

12th	***Theme: Post-Secondary Options and Financial Literacy*** • Plan for graduation requirements/test retakes (menu of options) • Financial literacy work (relevant to group student is in) • Create and execute senior action plan (college/career counselor) • District/Senior Exit Survey*	Lessons could be assigned based on the post-secondary plan group. Defining Success, Career Backup Plans, Career Path Choices, Job Interviews.	Most activities, tasks, events and presentations will be led by college and career counselor with support from other school counselors • Professionalism 101 certificate and creating a sign-in for PPBEA site

Curriculum: College prep core course work is usually defined as four years of English, four years of math, three years of science, and three years of social studies. At least two years of foreign language is also required for most colleges. These guidelines should be considered minimal, and most students take more academic courses than these basic recommendations. Many colleges may require additional courses in the academic fields and may also have specific curriculum requirements for admission. Colleges take into consideration the level of courses successfully completed and the overall strength of the student's curriculum. Please check with your college of interest and make sure that you are taking the right classes.

Achievement: Grades are still the best predictor of academic success in college; the more recent the grades, the stronger indicator they are. While other factors may help compensate for deficiencies in grades, top grades will help eliminate doubts about a student's ability to achieve in academics.

Test Scores: Colleges rely on the American College Test (ACT) and the Scholastic Aptitude Test (SAT) to help make admissions decisions. While some colleges may have set cut-off scores, most will combine the test scores with other factors in order to determine admission eligibility. Many students take these tests more than once in order to maximize their scores, and all students need to make sure they take the specific tests required for the colleges to which they are applying. Some colleges may also require SAT II tests, which are achievement tests in specific subjects, for admission or placement purposes. Many colleges/universities are now test optional. Check with the school you are applying to so that you can understand their specific admission requirements.

Evaluation: Many colleges will require or recommend written teacher or counselor evaluations. Please request a letter of recommendation at least two weeks before it is due. Recommenders may also require you to fill out a "brag sheet" to help in the writing process. These evaluations are used to substantiate the level of a student's integrity, reliability, motivation, maturity, initiative, leadership, character, and other personal traits. An applicant's chances for admission may be enhanced by comments from those who know the student well.

Involvement: Participation in school and community activities such as clubs, athletics, music, government, religious organizations, work experience and volunteer opportunities are also valued by colleges. The quality of involvement, leadership, commitment, and diversity of interests are what often distinguish top candidates for the most highly selective colleges. Depth in a few areas is generally preferred over breadth in many areas.

Highly Selective Admissions: It is highly recommended that students wishing to attend any post-secondary school plan on enrolling in a full four-year course curriculum. Highly selective universities in particular look favorably on students who have taken the most rigorous course load possible; therefore, we strongly recommend that you consider participating in one more year of a core course, elective course, or completing an internship instead of graduating early. Teacher aide positions and free periods should also be avoided. As soon as you think you might be interested in a particular college or university, we recommend that you research its admission requirements and then select your courses accordingly.

CCHE (Colorado Commission on Higher Education) mandates that all students preparing for college take four years of Math and English; successful completion is usually defined as grades of C's or better. Deficiencies in these areas may severely limit one's ability to obtain admission to existing state 4-year institutions.

College Application Process and Requirements

9th grade

- Meet your school counselor.
- Create a program of study that best aligns to your interests, skills, and aptitude.
- Earn the best grades that you can.
- Get involved! Join a club or sport.
- Take PSAT 9.
- Register for 10th grade courses.
- Make summer count by volunteering or participating in a service project. Make up any failed courses in summer school.
- For athletes, consider registering for the NCAA clearing house or other smaller athletic clearing centers like NAIA.
- Attend field trips offered by school to expand experiences.

10th grade

- Consult with your school counselor to ensure your schedule meets your academic needs and interests. If interested in a military academy, start discussing your interest now.
- Update your program of study and ICAP while you continue to earn the best grades that you can.
- Stay involved and grow. Volunteer or participate in a service project.
- Take the PSAT 10.
- Attend college fairs. Tour college campuses. Start conversations about financing your college education.
- Make summer count by working, volunteering, or making up any failed courses in summer school.
- Attend field trips offered by school to expand experiences.

11th Grade

- Consult with your school counselor to ensure your schedule meets your academic needs and interests. In the spring of junior year discuss your ideas about careers and/or college options with your school counselor and family.
- Continue to increase the rigor of your courses and earn the best grades that you can.
- Learn about majors, colleges and programs that interest you by using Naviance Student.
- For athletes, consider registering for the NCAA clearing house or other smaller athletic clearing centers like NAIA.
- Take on a leadership position in a club or sport that you are passionate about.
- Take the PSAT/NMSQT, SAT, ACT and SAT subject tests if required.
- Attend college fairs, visit campuses, estimate financial need, research, and organize scholarships that you plan to apply for.
- Attend a junior conference with your parent(s)/guardian(s)/school counselor.
- Consider asking teachers for letters of recommendation for college admission prior to going on summer break.
- Make summer count- work, save, volunteer, or make up any failed courses in summer school.
- Attend field trips offered by school to expand experiences.

12th Grade

- Meet with your school counselor to review your post-secondary plan.
- Stay organized and prepared to meet deadlines.
- Create a FSA ID.
- Continue earning the best grades that you can.
- Begin applying to college in the fall and request that your transcripts and letters of recommendation are sent to schools of your choice. Follow up with teachers about letters of recommendation (please request at least two weeks in advance).
- Apply for scholarships, FAFSA and/or CSS profile in October.
- Take your leadership to the next level, become president of your club or sports team.
- Take any additional college admission exams early in your senior year.
- If admission interviews are required, schedule them early.
- After admission decisions are made, make a plan to visit your top 2-3 schools before making a final decision.
- Send your admission decisions and any scholarships you earn to your counselor.
- Stay active with colleges/universities if you are waitlisted.
- Commit to your school of choice on or before May 1st.
- Graduate from high school!
- Make summer count- work and save for college.
- Consult the academic calendar of your college and plan your travel and move-in plans accordingly.
- Attend field trips offered by school to expand experiences.

College Application Checklist (9th/10th Grade)

https://secure-media.collegeboard.org/CollegePlanning/media/pdf/BigFuture-College-Planning-9th-10th-Graders.pdf

College Application Checklist (11th/12th Grade)

https://bigfuture.collegeboard.org/plan-for-college/your-college-application/get-organized/college-application-checklist

Applying for College 101: College 101 **(https://youtu.be/zxOfqY0LPtc)**

FAFSA, CASFA, Pell Grant and Other Student Aids

FAFSA

FAFSA is an acronym that stands for the Free Application for Federal Student Aid. The Free Application for Federal Student Aid (FAFSA) is a form that can be prepared annually by current and prospective college students (undergraduate and graduate) in the United States to determine their eligibility for student financial aid.

Please see: https://studentaid.gov/ to get more information.

CASFA

Overview: In 2019, the General Assembly passed H.B. 19-1196, Financial Aid For Students With In-state Tuition, which allows state aid to be awarded to students who do not have lawful immigration status but

- Graduate from a Colorado High School or was physically present in Colorado for at least one year immediately preceding the date the student successfully completed a high school equivalency exam in CO; and
- Has been physically present in Colorado for at least 12 consecutive months prior to enrolling in an institution.

The Colorado Application for State Financial Aid (CASFA) is the application by which students that meet the qualifications can apply for this aid. Students who do not have lawful immigration status and who do not meet the qualifications listed above are also encouraged to apply for institutional aid using the CASFA. Students who are eligible for Federal Title IV aid by completing the FAFSA should not complete the CAFSA. You can use this aid for colleges/universities, trade schools, and many other types of post-secondary education.

Grant

A grant is a form of financial aid that doesn't have to be repaid (unless, for example, you withdraw from school and owe a refund, or you receive a TEACH Grant and don't complete your service obligation). A variety of federal grants are available, including Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOG), Teacher Education Assistance for College and Higher Education (TEACH) Grants, and Iraq and Afghanistan Service Grants.

Pell Grant

You will have to fill out the FAFSA form every year you are in school to stay eligible for the federal student aid. The amounts can change yearly. The amount that you may receive depends on

- Your Student Aid Index (SAI)
- The cost of attendance (varies by school)
- Your status as a full-time or part-time student
- Your plans to attend school for a full academic year or less

The Federal Pell Grant can only be received for no more than 12 terms! In some cases, you may have to repay your grant.

Scholarship

Scholarship packets are available in the counseling center starting in September. The packet is updated frequently to ensure the most recent scholarships available are listed. If the application is available online, the website will be listed, and the student should apply online. If the application has a hard copy that must be completed to apply, the hard copy is available at the scholarship table in the counseling center.

Many nonprofit and private organizations offer scholarships to help students pay for college or career school. This type of free money, which is sometimes based on academic merit, talent, or a particular area of study, can make a real difference in helping you manage your education expenses. Scholarships are available to students in many forms and throughout the academic year. Scholarships are monies that students are awarded and can be used for tuition and books/supplies without the burden of a paycheck. Once counselors are alerted to a scholarship opportunity., the news is sent out via email, CANVAS

announcement, bulletin board posters, or individually informed based on scholarship requirements. Other places to look for scholarship opportunities can include www.Xello.world (our ICAP platform), your place of employment, church, and/or the college/university/trade school of which you would like to attend.

Loans

When you receive a student loan, you are borrowing money to attend a college or career school. You must repay the loan as well as interest that accrues. It is important to understand your repayment options so you can successfully repay your loan. If you decide to take out a loan, make sure you understand who is making the loan and the terms and conditions of the loan. Student loans can come from the federal government, private sources such as a bank of financial institution, or from other organizations. Federal student loans are an investment in your future. The interest rate on federal student loans is fixed and usually lower than that on private loans—and much lower than that on a credit card!

- You don't need a credit check or a cosigner to get most federal student loans.
- You don't have to begin repaying your federal student loans until after you leave college or drop below half-time.
- If you demonstrate financial need, the government pays the interest on some loan types while you are in school and during some periods after school.
- Federal student loans offer flexible repayment plans and options to postpone your loan payments if you're having trouble making payments.

The College Opportunity Fund

The College Opportunity Fund (COF), created by the Colorado Legislature, provides a stipend to eligible undergraduate students. The stipend pays a portion of the total in-state tuition when attending a participating college.

Eligible undergraduate students must apply, be admitted and enroll in classes at a participating college to receive this benefit. Both new and continuing students are eligible for the stipend.

Qualifying students may use the stipend for eligible undergraduate classes. The stipend is paid on a per credit hour basis directly to the college at which the student is enrolled. The credit-hour amount is set annually by the General Assembly.

The stipend amount for the Academic Year 2023-2024 was $116 per credit hour for a public college and $58 per credit hour for a private college.

CSU Alliance

The Colorado State University Alliance Partnership unites students, families, high school personnel, and the Colorado State University community in a common goal: to envision education beyond high school and send a greater number of Colorado students to college. By working together, we can elevate the expectations of students and their families regarding the importance, access, and attainability of higher education. The CSU Alliance will give $4,000 for each year, totaling $16,000 for students from Sierra High School that are accepted and attend CSU. Sierra is one of 10 chosen schools in Colorado.

D2 Promise

If you're a student at a Harrison School District 2 with a 2.25 GPA (cumulative or junior and senior years), you are eligible to receive free tuition at Pikes Peak State College.

How it works

The D2 Promise Program ensures that eligible District 2 graduates receive up to $5,000 for tuition and fees each year - enough for you to be a full-time student and build your skills and credentials for a great career. (These funds can come from available financial aid like Pell grants and Colorado Student grants, from scholarships as part of the D2 Promise Program, or a combination of funds.)

Thanks to the generosity of The Harrison School District Foundation, this Program ensures that qualifying students have the opportunity to attend PPSC tuition free regardless of federal financial aid eligibility. In addition to financial assistance, students will receive intensive support from professional D2Promise coaches. To be eligible for the program, students must have attended a Harrison School District 2 high school (Harrison, Sierra, or Career Readiness Academy, or Aspire Online Academy) or charter school (Atlas Prep, The Vanguard School, or James Irwin) for at least one year prior to graduating, complete high school with 2.25 or better GPA (cumulative or junior + senior year), enroll at PPSC within 16 months of graduation, complete a minimum of 24 credit hours per academic year, and apply for all available financial aid by completing a FAFSA or CASFA. D2 Promise would pay the difference between the federal and state grants a student receives and PPCC tuition and fees, up to $5,000 annually. To continue in the program, students must complete a minimum of 24 credits each academic year and maintain a 2.0 or better GPA. The time limit for a student to remain in the D2 Promise Program is 150% of a degree program.

The program started in the fall of 2020 for the high school graduating class of 2020. This pilot program was developed with the financial support of the Dakota Foundation.

"The idea behind this program is to create new on-ramps, new ways for young people in some of our most underserved areas to reach their dreams," said PPSC President Lance Bolton. "We're tremendously grateful to the Dakota Foundation for sharing this vision with us, and if we can find more corporate support, we'd love to expand this to the entire Pikes Peak region."

The D2 promise Program aims to double the number of students attending college within one year of high school graduation and get 80 percent of those students to complete a certificate or degree or transfer to a 4-year college or university.

Harrison School District 2 was chosen for this program because of its highly under-served population. It's also one of the most diverse districts, and they graciously have agreed to continue this opportunity for their students beyond the initial trial period funded by the Dakota Foundation with the help fo the District's Harrison School District Foundation:

- 80% Graduation Rate
- 78% Qualify for Free and Reduced Lunch (FRL)
- 75% Identify as people of color (50% Hispanic, 15% African American)
- State Average SAT Score 1014; Harrison D2 Average SAT Score 950

Four-Year College Admissions

Because different colleges and universities have different admission requirements, it is important that you check with each college in which you have an interest for their specific requirements. In-state schools that are more selective such as the Colorado School of Mines, Colorado College, and the University of Denver, and the United States Air Force Academy as well as many out-of-state schools have requirements that are more rigorous.

Two-Year College Admissions

Generally, the entrance requirements for two-year colleges are to have earned a high school diploma or to have received your GED within the state of Colorado. Some two-year colleges require the ACT or SAT, while some merely require students to take the college's entrance/placement test.

Post-Secondary Exams

Students will be required to take state-mandated and college preparatory testing to measure growth and achievement.

Most four-year colleges and universities require that students take a college entrance exam for admissions purposes. Some colleges have no preference between ACT or SAT, while other colleges will want students to take one or the other. The tests are different, and students may perform better on one than the other.

ACT TEST (www.actstudent.org)

This is one of the college entrance exams to determine admission to public and private colleges and universities. We recommend that all students applying to four-year colleges take the ACT test in the spring of their junior year.

SAT TEST (www.collegeboard.org)

All juniors in the state of Colorado will take the SAT on a school day in April at no cost to students. This is one of the college entrance exams used to determine admission to public and private colleges and universities. Students who wish to improve their scores after taking the April SAT can retake the test. Student wishing to take the SAT on another national test date will need to go to www.collegeboard.org for additional information on test dates and registration.

Counselor Recommendation Letters

Recommendation letters are often required for scholarship and college applications and sometimes are required for enrichment opportunities like summer camps. Students can request a letter of recommendation from their counselor, teacher or community member after completing the letter of recommendation questionnaire. The questionnaire is located in the Counseling Center. A request for a letter of recommendation must be made 2 weeks prior to when the student needs it.

College Visits

What better way to know a college or university is the perfect fit, than to see it with your own eyes? At Sierra, we offer many opportunities for our students to get on college campuses through a multitude of clubs, field trips, and grade-level experiences. Students taking their future may look like in a clearer lens. Should a student want to visit a campus that is not a current field trip opportunity, it is recommended that the student reach out to the college campus to arrange for a tour. Many colleges offer virtual tours on their websites. Please note that individual transportation outside of a school sponsored field trip to a college/university/trade school, would be the responsibility of the student and their families.

-Transcript Request

Students who need to request an OFFICAL TRANSCRIPT can use this form and turn it in to the registrar (Aimee Cantrell: acantrell@hsd2.org). UNOFFICAL TRANSCRIPTS can be accessed through Infinite Campus.

Sierra High School
Transcript Request

Name : _____

Maiden Name: _____

Date of Birth: _____

Sierra High School Student ID: _____

Year Graduated or Last Attended: _____

Current Phone Number: _____

☐ For Personal Use (Unofficial only)

☐ For Scholarship Application. Need by _____

☐ For College Application

- ☐ Please send to college.
- ☐ I will bring in application on _____

Instructions:

(1) Give completed application packet to your counselor if there is a section for the counselor to fill out

(2) Make sure you have attached the check or money order for the application fee (of a fee waiver, if applicable)

(3) Provide an envelope with the name and address of the college. HHS will pay postage for college apps.

Office of Admissions

Name of College _____

Address _____

City _____ State _____ Zip _____

District Name: Harrison 2
SIERRA HIGH SCHOOL Official Transcript
School Code: 7882 Tel: (719)579-2090 Fax: (719)579-2506
2250 JET WING DR, COLORADO SPRINGS, CO 80916

John Doe
Student Number: xxxxxx Grade: 12
1060 Harrison RD , COLORADO SPRINGS, CO 80906
Generated on 01/13/2023 02:31:12 PM Page 1 of 1

Student Information

Student Number: xxxxxx **Grade:** 12
Birthdate: **Gender:**
State ID:
Diploma Type: Regular Diploma
Diploma Date:

GPA Summary

Cumulative GPA (Weighted)	3.666
Class Rank	20 of 225
Cumulative GPA (Unweighted)	3.666
Class Rank	20 of 225

1

#3806 SIERRA HS

Course	Mark	Weight	Credit
2018-2019 Grade 09 Term 1			
AVID EXTENSION CORE 9	B	0.5000	0.5
BIOLOGY	A	0.5000	0.5
ENGLISH I	B	0.5000	0.5
GOVERNMENT	A	0.5000	0.5
HEALTH	A	0.5000	0.5
INTEGRATED MATH I	A	0.5000	0.5
SPANISH I	B	0.5000	0.5
Credit: 3.50 GPA: 3.57 U/W GPA: 3.57			
2018-2019 Grade 09 Term 2			
AVID EXTENSION CORE 9	B	0.5000	0.5
BIOLOGY	B	0.5000	0.5
ECONOMICS	A	0.5000	0.5
ENGLISH I	B	0.5000	0.5
INTEGRATED MATH I	A	0.5000	0.5
PE I	B	0.5000	0.5
SPANISH I	A	0.5000	0.5
Credit: 3.500 GPA: 3.43 U/W GPA: 3.43			
2019-2020 Grade 10 Term 1			
ART	A	0.5000	0.5
AVID EXTENSION CORE 10	A	0.5000	0.5
EARTH SCIENCE	A	0.5000	0.5
ENGLISH II	A	0.5000	0.5
INTEGRATED MATH II	B	0.5000	0.5
SPANISH II	A	0.5000	0.5
WORLD HISTORY	A	0.5000	0.5
Credit: 3.500 GPA: 3.86 U/W GPA: 3.86			
2019-2020 Grade 10 Term 2			
ART	B	0.5000	0.5
AVID EXTENSION CORE 10	A	0.5000	0.5
EARTH SCIENCE	A	0.5000	0.5
ENGLISH II	B	0.5000	0.5
INTEGRATED MATH II	A	0.5000	0.5
SPANISH II	B	0.5000	0.5
WORLD HISTORY	A	0.5000	0.5
Credit: 3.500 GPA: 3.57 U/W GPA: 3.57			
2020-2021 Grade 11 Term 1			
AVID EXTENSION CORE 11	A	0.5000	0.5
ENGLISH III	A	0.5000	0.5
GEOMETRY	A	0.5000	0.5
PHYSICAL SCIENCE	A	0.5000	0.5
US HISTORY	A	0.5000	0.5
ZOOLOGY	A	0.5000	0.5
Credit: 3.000 GPA: 4.00 U/W GPA: 4.00			
2020-2021 Grade 11 Term 2			
AVID EXTENSION CORE 11	B	0.5000	0.5
ENGLISH III	A	0.5000	0.5

2

#3806 SIERRA HS

Course	Mark	Weight	Credit
2020-2021 Grade 11 Term 2			
GEOMETRY	B	0.5000	0.5
PHYSICAL SCIENCE	A	0.5000	0.5
US HISTORY	B	0.5000	0.5
ZOOLOGY	A	0.5000	0.5
Credit: 3.000 GPA: 3.57 U/W GPA: 3.57			
2021-2022 Grade 12 Term 1			
ENGLISH IV	A	0.5000	0.5
INTRO CULINARY ARTS	A	0.5000	0.5
PSYCHOLOGY	A	0.5000	0.5
SCULPTURE	A	0.5000	0.5
STUDENT GOVN/LEADERSHIP	B	0.5000	0.5
STUDY SKILLS	B	0.5000	0.5
Credit: 3.000 GPA: 3.67 U/W GPA: 3.67			
2021-2022 Grade 12 Term 2			
CERAMICS	A	0.5000	0.5
ENGLISH IV	A	0.5000	0.5
PHOTOGRAPHY	A	0.5000	0.5
SAFETY & SANITATION	A	0.5000	0.5
STUDENT GOVN/LEADERSHIP	B	0.5000	0.5
STUDY SKILLS	A	0.5000	0.5
Credit: 3.000 GPA: 3.83 U/W GPA: 3.83			

In-Progress Courses

ADVISORY	0.000

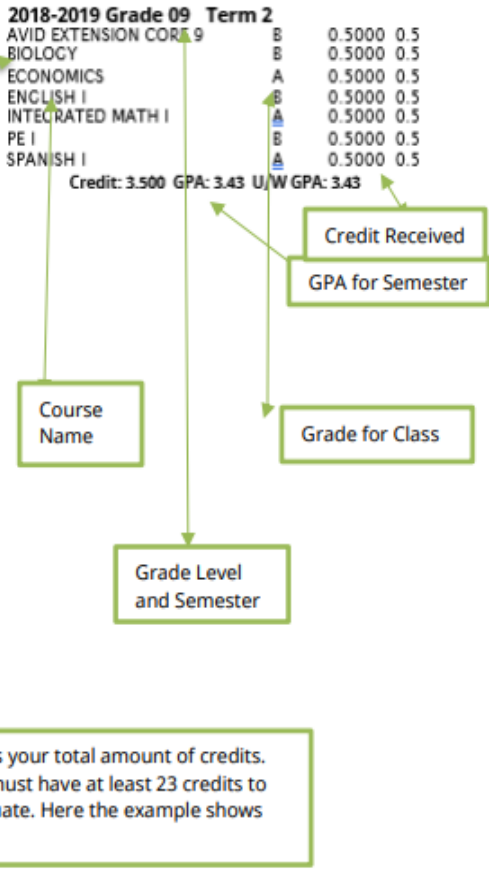
Credit Summary

HS CREDITS	**Earned**
ELECTIVES	8.500
ENGLISH	4.000
HEALTH	0.500
MATHEMATICS	3.000
PHYSICAL EDUCATION	0.500
SCIENCE	4.000
SOCIAL STUDIES	3.500
WORLD LANGUAGES	2.000
Total	**26.000**

3

1: SHS and colleges typically want you to report your weighted GPA. This is the top number (example 3.666) This is your GPA for all semesters averaged.

2. Each semester has its own section with the following information:



This is your total amount of credits. You must have at least 23 credits to graduate. Here the example shows 26.

Official's Signature_____

D2 DESTINATIONS CAREER PATHWAYS

Advancing the Future of Innovation and Industry

Providing opportunities for student engagement to be career ready

Rigorous Coursework	**Technical Expertise**	**Extraordinary Opportunities**
Quality educational programs are aligned with Harrison's rigorous graduation requirements in addition to postsecondary and workforce readiness competencies.	Students gain valuable technical skills which allow for a seamless transition to further education or employment through concurrent enrollment and industry certifications.	Students have the opportunity to participate in authentic work experiences such as work based learning, job shadowing, clinical experiences, apprenticeships, and more.

The D2 Pathways program has curriculum designed to provide learning relevance and engagement and prepare students for postsecondary education and the workforce. Students may earn college credits toward an associate degree, and industry-standard certifications, all while pursuing a high school diploma.

Each student at D2 begins the Pathways journey by completing the Freshman Success Academy. The "Success Academy" provides Freshmen with a foundation on which to build their chosen Pathway.

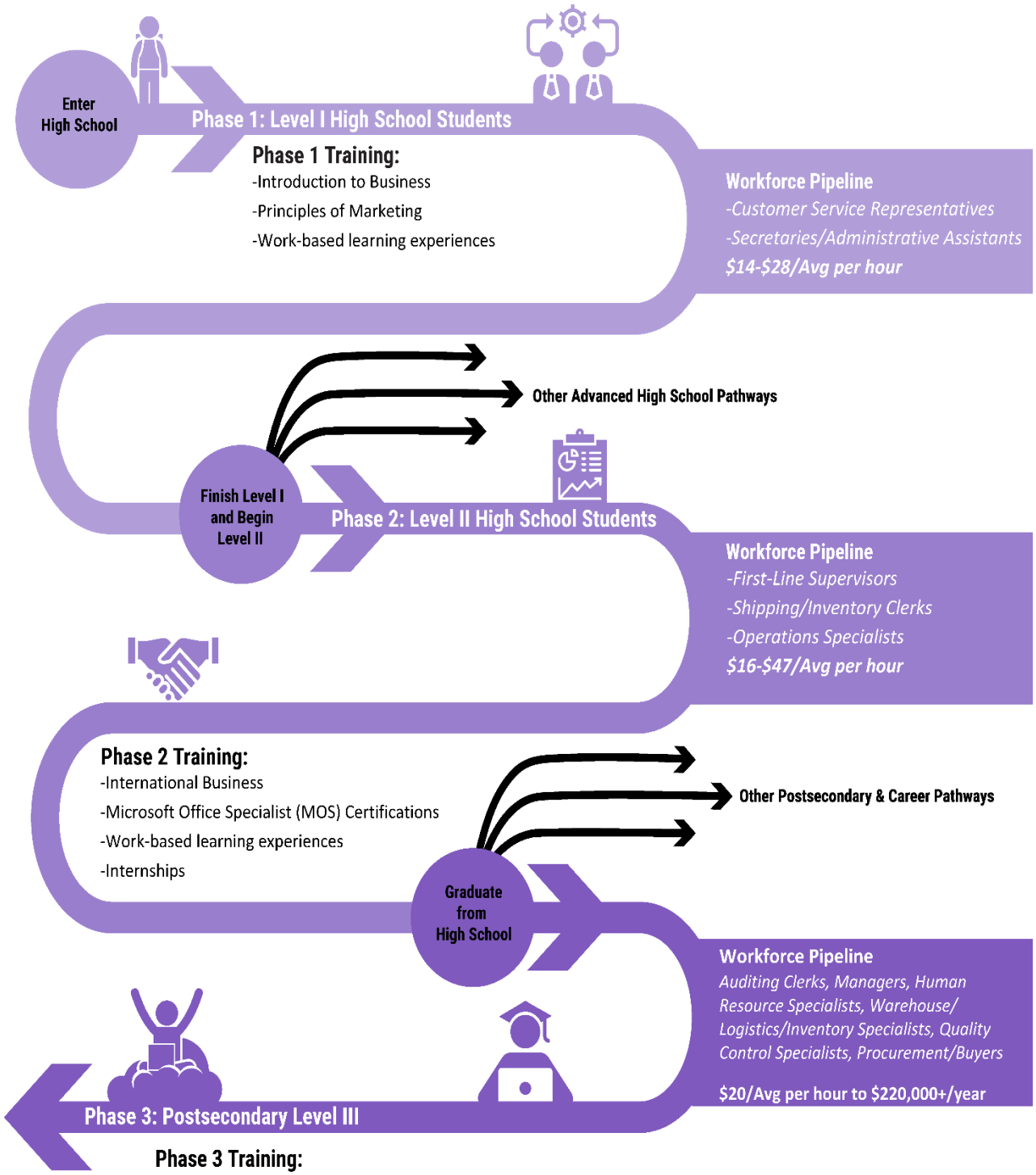
D2 career pathway options consist of eleven (11) different pathways in five (5) industry areas of study:

- Area of Study: **Business, Marketing, Entrepreneurship, Finance, and Public Administration**
  - Business and Marketing
- Area of Study: **Engineering, Technology, and Media Arts**
  - Engineering
  - Information Technology
  - Media Arts
  - Theatre Technology
- Area of Study: **Health Science, Criminal Justice, and Public Safety**
  - Health Science
- Area of Study: **Hospitality, Human Services, and Education**
  - Hospitality and Food Production
  - Fashion and Interior Design
  - Education and Training
- Area of Study: **Skilled Trades and Technical Sciences**
  - Construction Trades
  - Vehicle Maintenance and Repair Technologies
- Additional Focus: **Post-secondary and Workforce Readiness (PWR)**
    - Career-Connected Learning (Community-based experiences/Internships)
    - Career Start (Pikes Peak State College)
    - Alternative Cooperative Education (School-to-Work Transitional Supports)

Pathways students follow a curriculum that includes rigorous academic coursework, career-oriented courses, project-based learning activities, and research-oriented community projects. This academic structure provides students the opportunity to increase the depth and rigor of their education while giving them the freedom and flexibility to select which Pathways they choose to experience. Pathways purposefully restructure high schools into smaller learning communities and create viable lanes from high school, to workforce, to college, to careers.

D2 DESTINATIONS

Pathways to Business and Marketing



Phase 3 Training:

-Digital Marketing
-Finance and Accounting
-Business Administration
-Industry mentors
-Work-based learning experiences
-Internships

Pathway: Business and Marketing			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Introduction to Business	1203010	Year
Level 2	Principles of Marketing	1106900	Year
Level 3	*International Business Management (Coming 24-25)*	Tentative	Year
Level 4	Work Study	9909460	Semester
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***DECA**			

INTRO TO BUSINESS CTE
1203010 SCED 12051
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.

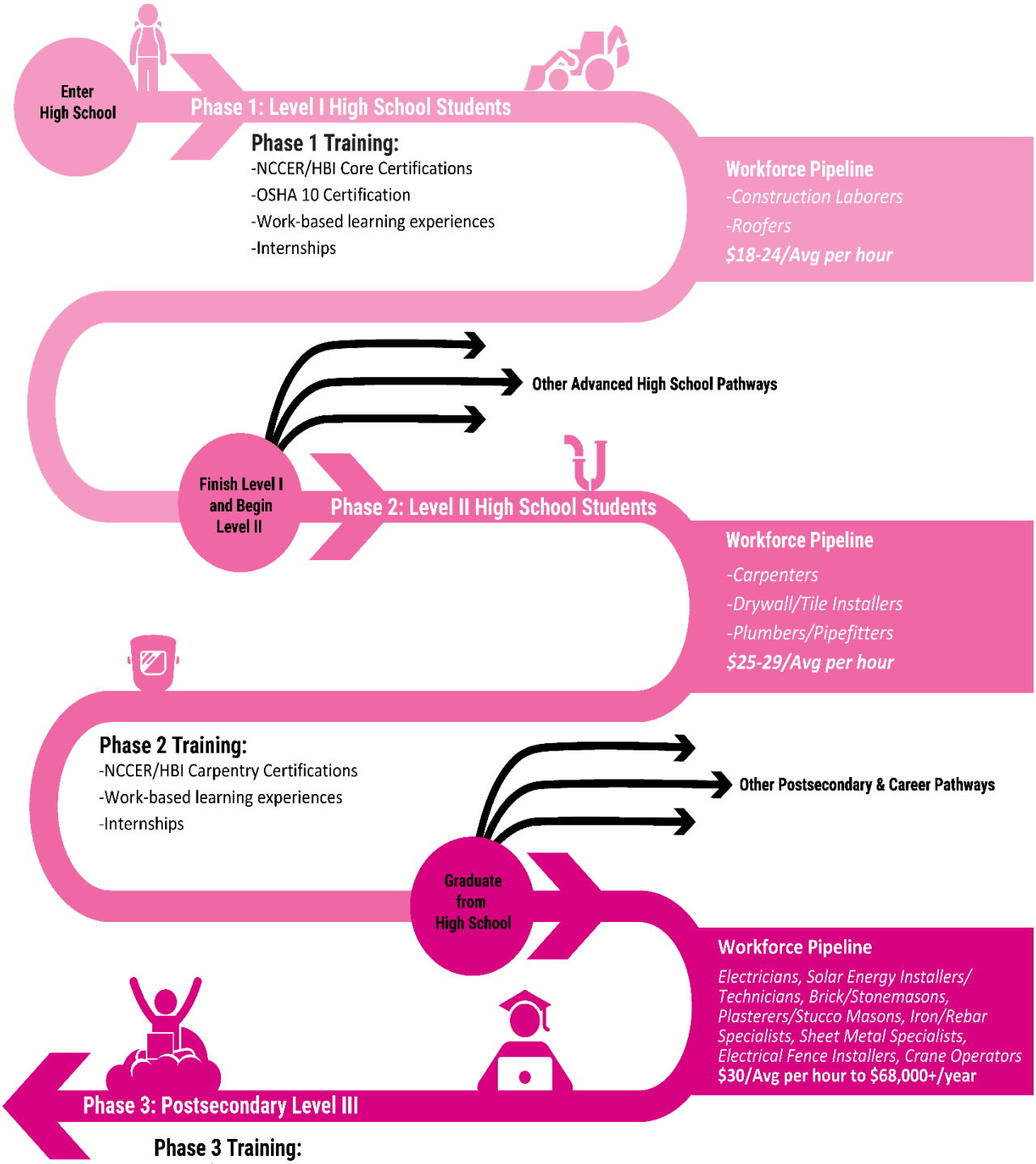
PRINCIPLES OF MARKETING CTE
1106900 SCED 12164
Prerequisite Intro to Business
Principles of Marketing presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.

Work Study
9909460
Work Study is provided for high school students with a desire to explore a career field that is in alignment with their ICAP. A portion of their school day will be spent working with an employer to gain valuable work experience prior to graduation. Students are granted release time from school to participate in part-time jobs where they utilize workforce readiness skills each semester (a maximum of two total elective credits toward graduation).

Internships
9909461 SCED 22998
Students may apply for internships with industry partners and schedule open blocks for this experiential learning for electives credit. Students may earn up to 1.0 credits/semester.

D2 DESTINATIONS

Pathways to Construction Trades



Phase 3 Training:

-NCCER/HBI Electrical
-NCCER/HBI HVAC
-NCCER/HBI Masonry
-HBI Plumbing
-HBI Solar Installation
-HBI Green Building
-HBI Landscaping

Pathway: Construction Trades			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Principles of Construction *(Sophomores Only)*	1201704	Semester
Level 2	Construction – CORE	1271712	Semester (Double Block)
Level 3	Construction – Carpentry	1271713	Semester (Double Block)
Level 4	Work Study	9909460	Semester
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***SkillsUSA**			

PRINCIPLES OF CONSTRUCTION CTE
1201704 SCED 17001
Not required to start with Construction – CORE (Sophomores Only; Upon Availability)
Introduces the fundamentals for all construction trades to include basic construction site safety, introduction to construction math, introduction to power tools, introduction to construction drawings, basic communication skills, basic employ-ability skills, and introduction to material handling. This course is designed as an entry level course for any of the building trades program specialties.

CONSTRUCTION – CORE CTE
1271712 SCED 17017
Introduces the fundamentals for all construction trades to include basic construction site safety, introduction to construction math, introduction to power tools, introduction to construction drawings, basic communication skills, basic employability skills, and introduction to material handling. This course is designed as an entry-level course for any of the building trades program specialties. Students can earn the National Center for Construction Education and Research (NCCER CORE), Home Build Institute (HBI Core), and Occupational Safety and Health Administration (OSHA 10) certifications.

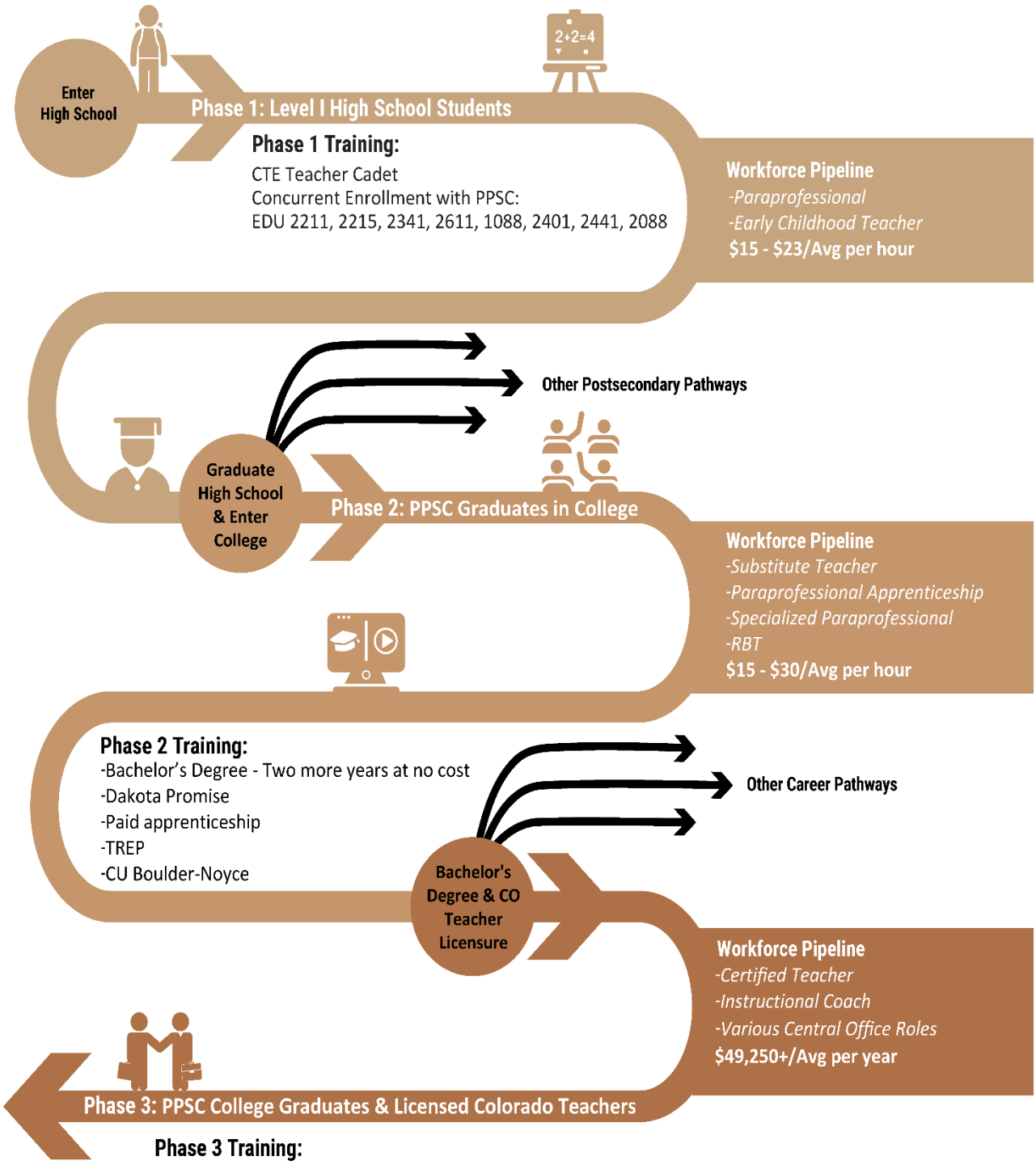
CONSTRUCTION – CARPENTRY CTE
1271713 SCED 17017
Prerequisite Construction – CORE
Introduces foundational level carpentry skills, basic residential construction systems, the importance of personal and workplace safety, and the role of carpenters within the construction industry. Students can earn the National Center for Construction Education and Research (NCCER Carpentry I) and Home Build Institute (HBI Carpentry) certifications.

Work Study
9909460
Work Study is provided for high school students with a desire to explore a career field that is in alignment with their ICAP. A portion of their school day will be spent working with an employer to gain valuable work experience prior to graduation. Students are granted release time from school to participate in part-time jobs where they utilize workforce readiness skills each semester (a maximum of two total elective credits toward graduation).

Internships
9909461 SCED 22998
Students may apply for internships with industry partners and schedule open blocks for this experiential learning for electives credit. Students may earn up to 1.0 credits/semester.

D2 DESTINATIONS

Pathways to Education and Training



Pathway: Education and Training			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Education Exploration (Sophomores Only)	0994000	Semester
Level 2A	Teacher Cadet 1A (EDU 2211 & EDU 2215)	1265190 & 1275193	Semester (Double Block)
Level 2B	Teacher Cadet 1B (EDU 2611 & EDU 1088)	1275196 & 1275195	Semester (Double Block)
Level 3A	Teacher Cadet 2A (EDU 2401 & PSY 2441)	1275194 & 1262370	Semester (Double Block)
Level 3B	Teacher Cadet 2B (EDU 2088)	1275197	Semester (Double Block)
Level 3	Work Study	9909460	Semester
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***Family, Career, and Community Leaders of America (FCCLA)**			

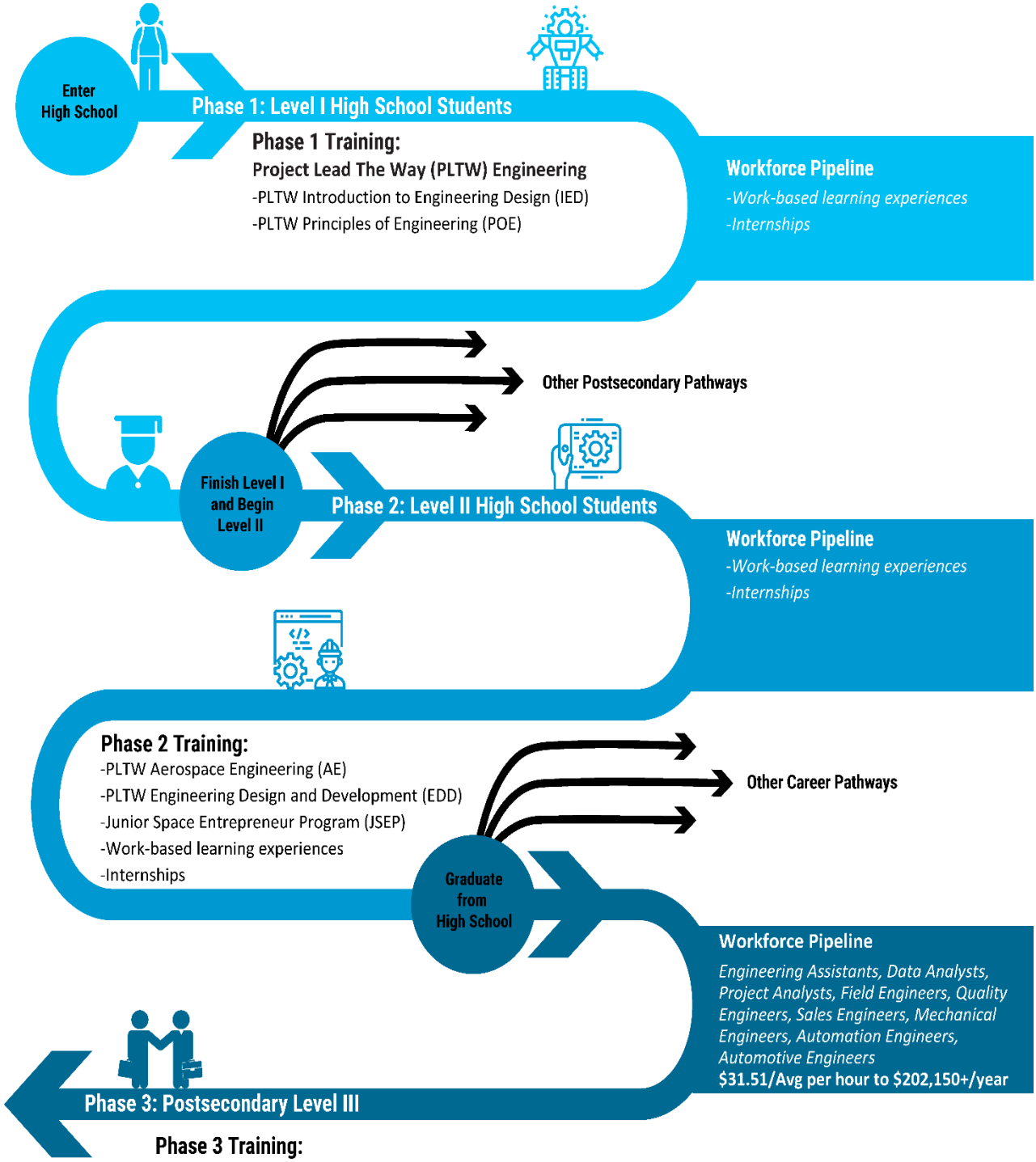
EDUCATION EXPLORATION CTE
0994000 SCED 19199
Education Exploration is a college-preparatory course for students who want to pursue careers in education, training and human services. This course will cover foundational topics to help students understand what it takes to become a teacher in pre-school, elementary, middle school, high school, college and graduate school. Furthermore, this course will introduce the students to a career in human resources and training. They will also learn more about human service careers, such as social work, community organizer, non-profit leader, etc. By the end of this course, students must be able to understand the admission process for these related careers and must have assessed their interests align with the field.

TEACHER CADET 1 CTE
1265190, 1275193, 1275196, and 1275195
Teacher Cadet 1 students will complete self-assessments, participate in individual and group projects, complete observations at various ages and stages of learning, and increase their understanding of themselves and others as learners. The culminating event in this class is 50 hours/6-week mini-teaching field experience during the second semester at an area school where cadets will plan and deliver lessons under the supervision of a cooperating teacher.

TEACHER CADET 2 CTE
1275194, 1262370, and 1275197
Teacher Cadet 2 is designed to provide additional field experience for cadets who have successfully completed the Teacher Cadet 1 program. For cadets who want to enter the education profession, this field experience will enhance their experience and understanding of classroom instruction and challenges facing education.

D2 DESTINATIONS

Pathways to Engineering



Phase 3 Training:

-Associate of Engineering Science Degree (PPSC)
-Bachelor of Science in Mechanical Engineering (UCCS)
-Master of Science in Mechanical Engineering (UCCS)
-Doctor of Philosophy in Engineering, Mechanical, and Aerospace (UCCS)

Pathway: Engineering			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	PLTW: Introduction to Engineering Design (A/B)	0404123	Year
Level 2	PLTW: Principles of Engineering (A/B)	0404124	Year
Level 3	PLTW: Aerospace Engineering (A/B)	0404126	Year
Level 4	PLTW: Engineering Design and Development (A/B)	0404127	Year
Career and Technical Student Organizations (CTSOs)/Clubs: ***Technology Student Association (Robotics)**			

PLTW INTRO TO ENGINEERING DESIGN

0404123 SCED 21017

Following Project Lead the Way's suggested curriculum, PLTW Introduction to Engineering Design course focuses on solving a wide range of engineering problems. Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions. Students develop skills in technical representation and documentation especially through 3D computer modeling using a Computer Aided Design (CAD) application.

PLTW PRINCIPLES OF ENGINEERING

0404124 SCED 21017

Following Project Lead the Way's suggested curriculum, PLTW Principles of Engineering course focuses on solving a wide range of engineering problems. This course introduces students to engineering concepts that are applicable to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development.

PLTW AEROSPACE ENGINEERING

0404126 SCED 21019

Prerequisite: Completion of Introduction to Engineering, AND either Principles of Engineering or JSEP with a grade of C or higher.

Following Project Lead the Way's suggested curriculum, PLTW Aerospace Engineering course focuses on the of flight in air and space through software simulations and hands-on experiences. Students learn how these concepts apply to a career in aerospace engineering and to other engineering fields as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. Students will learn orbital mechanics concepts and apply these by creating models using industry-standard software.

PLTW ENGINEERING DESIGN AND DEVELOPMENT

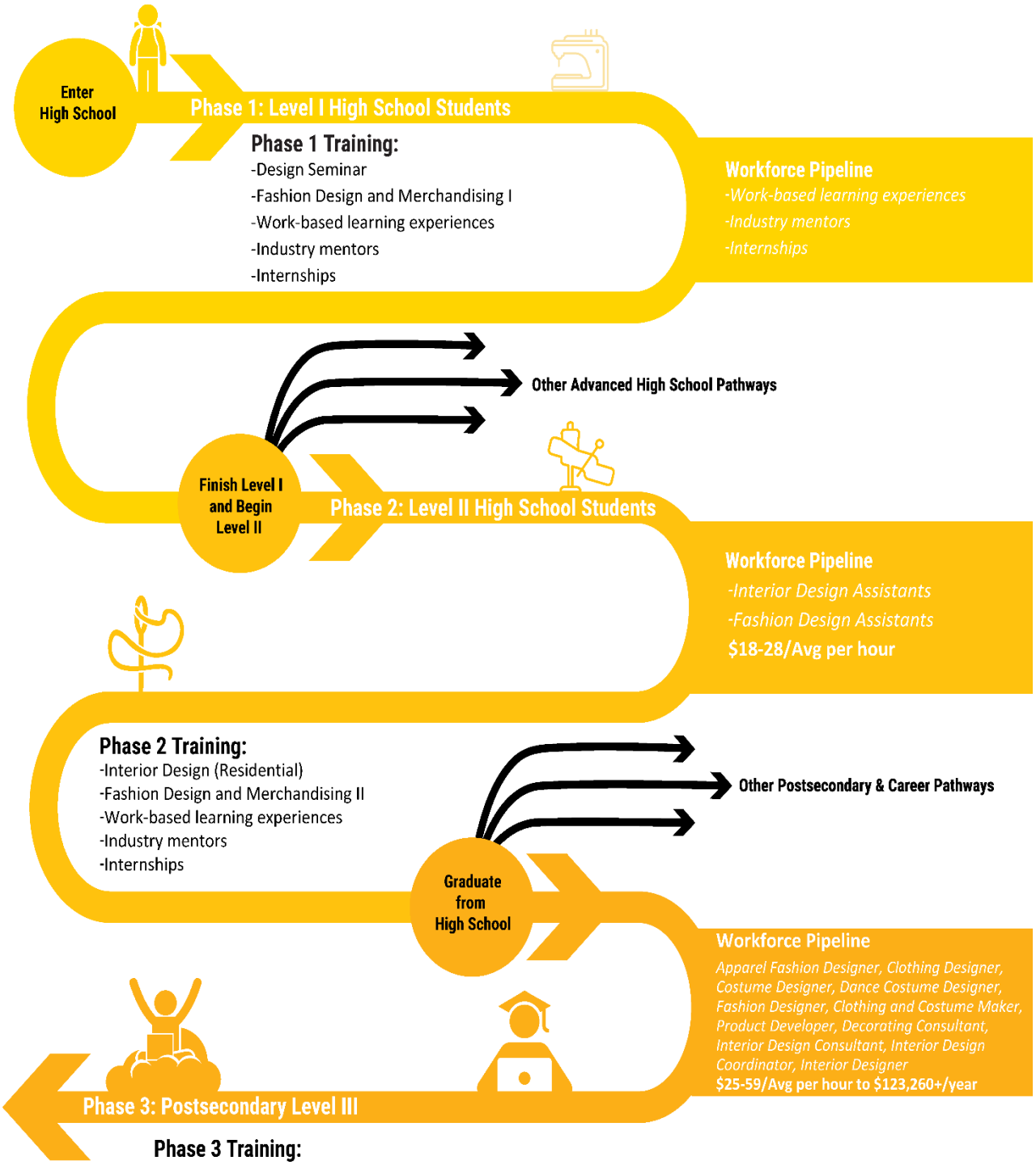
0404127 SCED 21025

Prerequisite PLTW Aerospace Engineering

Following Project Lead the Way's suggested curriculum, PLTW Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process.

D2 DESTINATIONS

Pathways to Fashion and Interior Design



Phase 3 Training:

-Associate of Applied Science Degree in Interior Design (PPSC)
-Work-based learning experiences
-Industry mentors

Pathway: Fashion and Interior Design			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1A	Design Seminar	1209800	Semester
Level 1B	Fashion Design and Merchandising I	1209769	Semester
Level 2A	Interior Design	1209712	Semester
Level 2B	Fashion Design and Merchandising II	1209770	Semester
Level 4	Work Study	9909460	Semester
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***Family, Career, and Community Leaders of America (FCCLA)**			

DESIGN SEMINAR CTE
1209800 SCED 05193
This course will give students an introduction to the elements and principles of design as seen in Interior Design and Fashion Design. In addition, it will introduce students to the many careers that require design. Students will begin creating their own designs in fashion and in interior design as well as analyze designs from current professionals in the field.

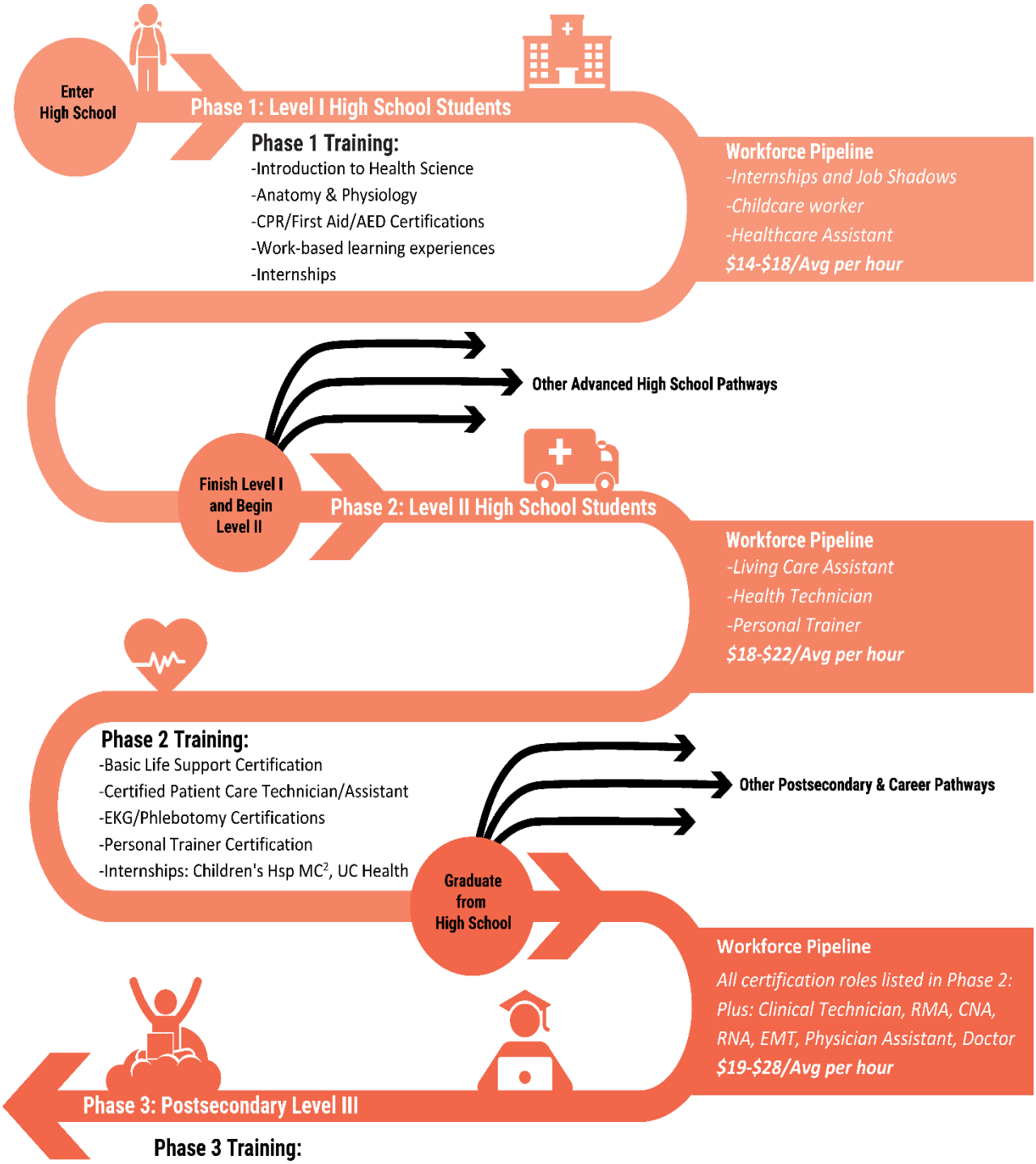
FASHION DESIGN AND MERCHANDISING I CTE
1209769 SCED 05190
Prerequisite Design Seminar
Fashion Design and Merchandising 1 is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising.

INTERIOR DESIGN CTE
1209712 SCED 05193
Prerequisite Fashion Design and Merchandising 1
Interior Design is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation- CIDA). This course focuses predominantly on residential design. Students integrate knowledge, skills, and practices to evaluate career opportunities. Areas of focus include: residential vs commercial design, careers, design drawings, professional practices, design elements and principles, and the design process.

FASHION DESIGN AND MERCHANDISING II CTE
1209770 SCED 05190
Prerequisite Interior Design
Fashion Design and Merchandising 2 is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising. This course compared to Fashion Merchandising 1 focuses more on promotion and marketing, global perspectives, technological advances, product creation, and retail sale.

D2 DESTINATIONS

Pathways to Health Science



Phase 3 Training:

-Registered Medical Assistant (RMA)
-Certified Nursing Assistant (CNA)
-Restorative Nursing Assistant (RNA)
-Emergency Medical Technician (EMT)
-Physician Assistant (PA)
-Doctor/Physician

Pathway: Health Science			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Introduction to Health Science	1209751	Year
Level 2	Anatomy and Physiology	0414530	Year
Level 3	Patient Care Technician	1209762	Year
Level 3	Sports Medicine	1209763	Year
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: **Health Occupations Students of America (HOSA)**			

INTRO TO HEALTH SCIENCES CTE
1209751 SCED 14251
Introduction to Health Science provides an overview of the challenging environments and occupations in the healthcare field. This course introduces students to the pathways that make up the health science cluster. Students are provided with a hands-on application of the foundational knowledge and skills to include health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare.

ANAT/PHYSIOLOGY CTE
0414530 SCED 03053
Prerequisite Biology and Intro to Health Science
Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

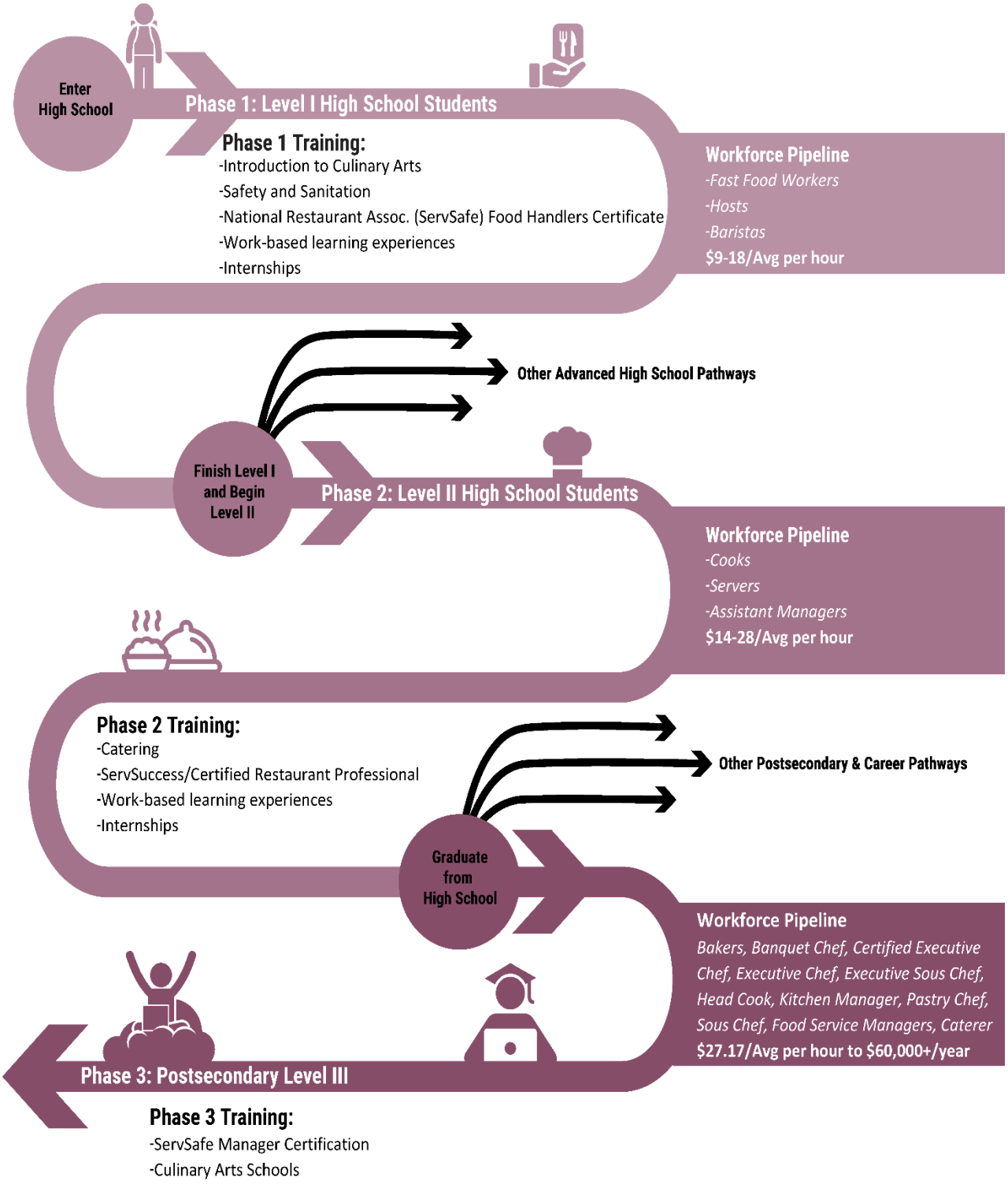
PATIENT CARE TECHNICIAN CTE
1209762 SCED 14002
The Patient Care Technician Certification (CPCT/A) course provides preparation for the National Health career Association (NHA) CPCT/A certification exam. The course also instills the knowledge and standards needed for excellence in Patient Care Technician practice. The NHA CPCT/A certification is an approved certification found on the Career Development Incentive Program (CDIP) approved programs list.

SPORTS MEDICINE CTE
1209763 SCED 14062
This year-long course provides students with a general overview of the field of sports medicine. It includes introductory information about careers; scope of practice; legal and ethical responsibilities; injury prevention, treatment, and management; anatomy and physiology; nutrition; basic taping and wrapping techniques, and administrative functions. Students can earn the National Academy of Sports Medicine (NASM) Personal Trainer Certification.

Internships
9909461 SCED 22998
Students may apply for internships with industry partners and schedule open blocks for this experiential learning for electives credit. Students may earn up to 1.0 credits/semester.

D2 DESTINATIONS

Pathways to Hospitality and Food Production



Pathway: Hospitality and Food Production			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1A	Introduction to Culinary Arts	1206110	Semester
Level 1B	Safety and Sanitation	1206112	Semester
Level 2	Catering	1206115	Year
Level 4	Work Study	9909460	Semester
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***Family, Career, and Community Leaders of America (FCCLA)**			

INTRO CULINARY ARTS CTE
1206110 SCED 16056
Introductory skills in food preparation centering on the food pyramid is the main focus of this class. In addition, nutrition, meal planning, time management, serving of food, and careers related to the food industry are covered. This is a prerequisite for Catering.

SAFETY & SANITATION CTE
1206112 SCED 16056
Prerequisite Intro to Culinary Arts
Safety and Sanitation students will gain an advanced understanding of kitchen safety and sanitation in a professional setting through classroom instruction and demonstration of skills in the kitchen. Safety and Sanitation will prepare students to pass the National Restaurant Association's ServSafe exam and receive national certification, which is a prerequisite for enrollment into the Catering course.

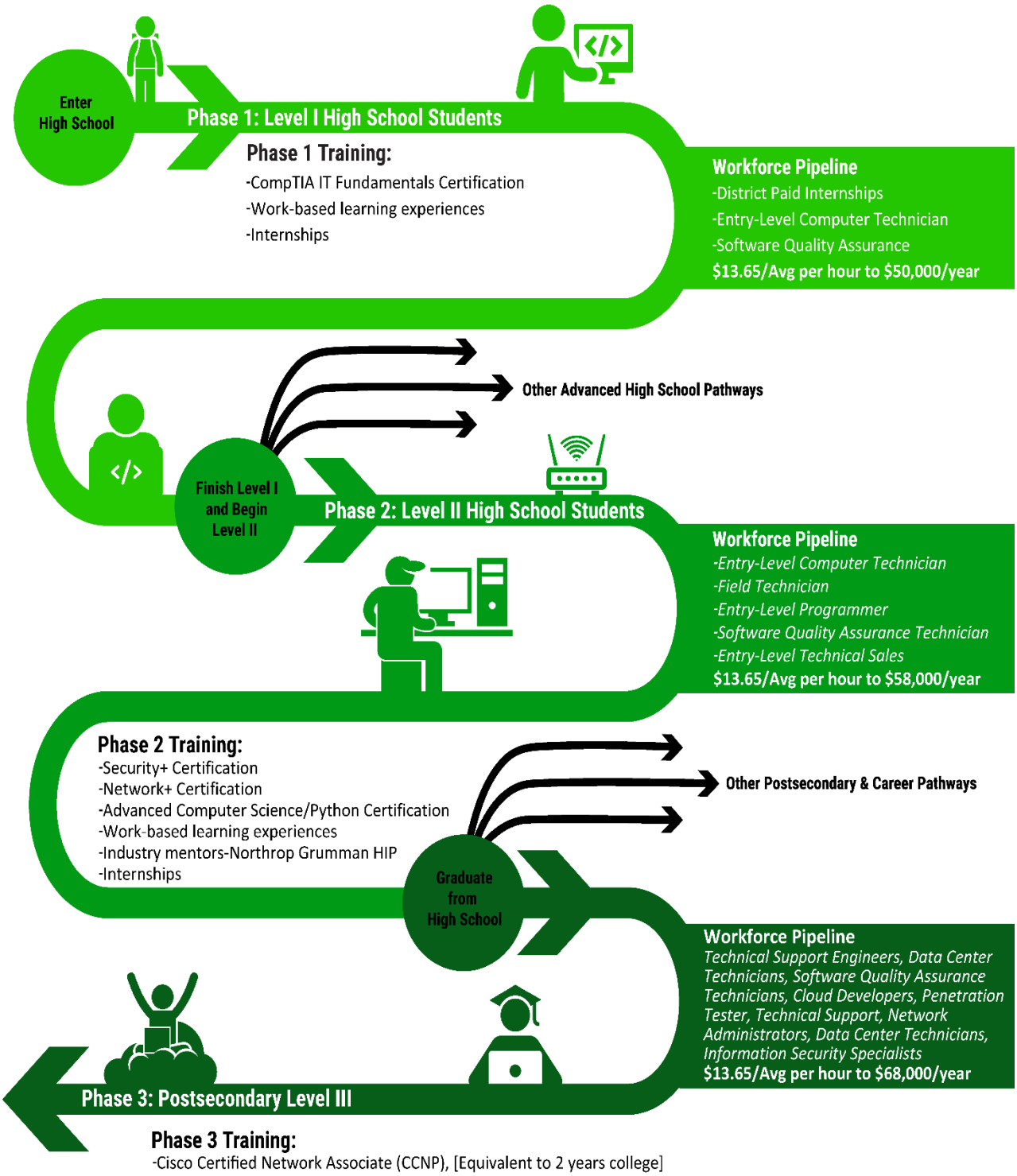
CATERING CTE
1206115 SCED 16099
Prerequisite Intro to Culinary Arts, Safety & Sanitation, and ServSafe Food Handler Certification
Students in this class will learn job skills needed for success in the food service industry including sanitation and safety, customer service, and food presentation. Develop entrepreneurial skills as you learn how to run a catering business. Students will plan, prepare, and execute actual catered events for different groups around the school.

Work Study
9909460
Work Study is provided for high school students with a desire to explore a career field that is in alignment with their ICAP. A portion of their school day will be spent working with an employer to gain valuable work experience prior to graduation. Students are granted release time from school to participate in part-time jobs where they utilize workforce readiness skills each semester (a maximum of two total elective credits toward graduation).

Internships
9909461 SCED 22998
Students may apply for internships with industry partners and schedule open blocks for this experiential learning for electives credit. Students may earn up to 1.0 credits/semester.

D2 DESTINATIONS

Pathways to Information Technology



Pathway: Information Technology			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Computer Science Foundations	1209761	Year
Level 2	Cybersecurity	0405712	Year
Level 2	AP Computer Science Principles	0420158	Year
Level 3	Networking	1209768	Year
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***Technology Student Association (Robotics) and/or *CyberPatriot**			

COMPUTER SCIENCE FOUNDATIONS CTE

1209761 SCED 10011

Computer Science Foundations is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completing this course, proficient students will describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession.

CYBERSECURITY CTE

0405712 SCED 10108

Prerequisite Computer Science Foundations

Cyber Security provides students with the basic concepts of cyber security and focuses on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in-house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization's information. Upon completion of this course, proficient students will demonstrate an understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and be able to demonstrate how to implement various aspects of security within a networking system.

AP COMPUTER SCIENCE PRINCIPLES CTE

0420158 SCED 10157

Prerequisite Foundations of Computer Science

AP Computer Science Principles introduces students to the fundamental ideas of computer science and how to apply computational thinking across multiple disciplines. The course teaches students to apply creative designs and innovative solutions when developing computational artifacts. The course emphasizes topics such as abstraction, communication of information using data, algorithms, programming, the Internet, and global impact.

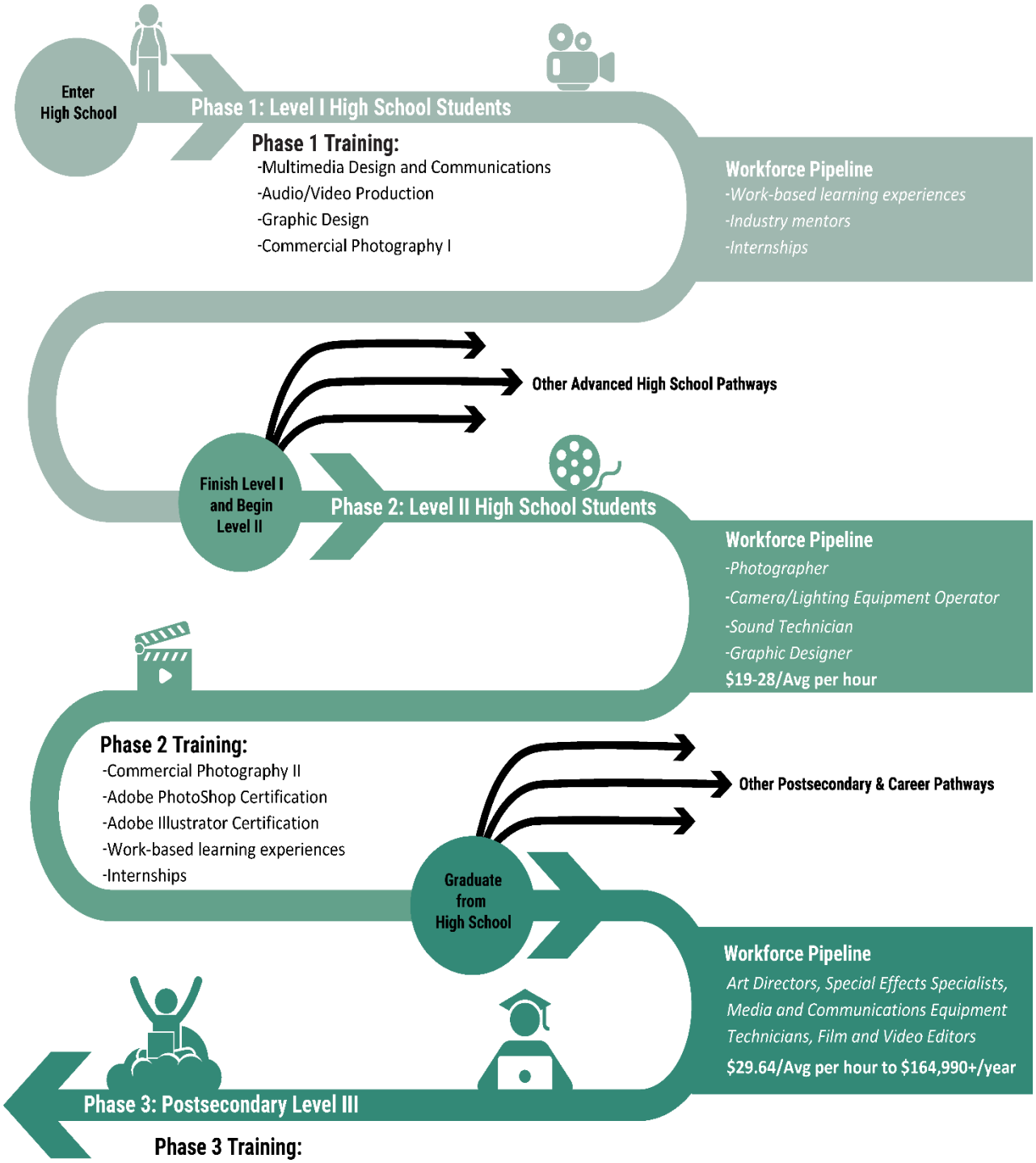
NETWORKING CTE

1209768 SCED 10102

Networking is an advanced course designed to emphasize the conceptual and practical skills necessary to design, manage, and diagnose network hardware and software. Upon completion of this course, proficient students will identify types of networks, understand the layers of the open systems interconnection (OSI) model, prevent security risks, and apply troubleshooting theory to the successful execution of networking tasks. Course content covers transmission control protocol, internet protocol, wired and wireless topologies, switching and routing, network hardware, wireless networking, and network operating systems (NOS). Upon completion of this course, proficient students will be prepared to sit for the CompTIA Network+ exam.

D2 DESTINATIONS

Pathways to Media Arts



Phase 3 Training:

-Associate of Applied Science in Multimedia Graphic Design (PPSC)
-Additional Adobe Certifications
-Work-based learning experiences
-Industry mentors

Pathway: Media Arts			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Multimedia Design and Communications	1209749	Year/Semester
Level 2	Graphic Design	0405712	Semester
Level 2	Audio/Visual Production	0420158	Year
Level 2	Commercial Photography I	1209768	Year
Level 3	Commercial Photography II	1208161	Year
Level 3	Adobe Illustrator	1209771	Year
Level 3	Adobe Photoshop	1209772	Year
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***SkillsUSA**			

MULTIMEDIA DESIGN AND COMMUNICATION CTE
1209749 SCED 05260
The goal of Foundations of Multimedia Art, Design, and Communications is for the student to understand arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

GRAPHIC DESIGN CTE
1209810 SCED 11154
Prerequisite Fashion Design and Merchandising 1
Graphic Design students will learn to use a variety of Adobe products to create marketable designs for clients, such as Adobe Photoshop and Adobe Illustrator to design shirts, create product packaging, develop a logo for a client, and create posters for groups around the school.

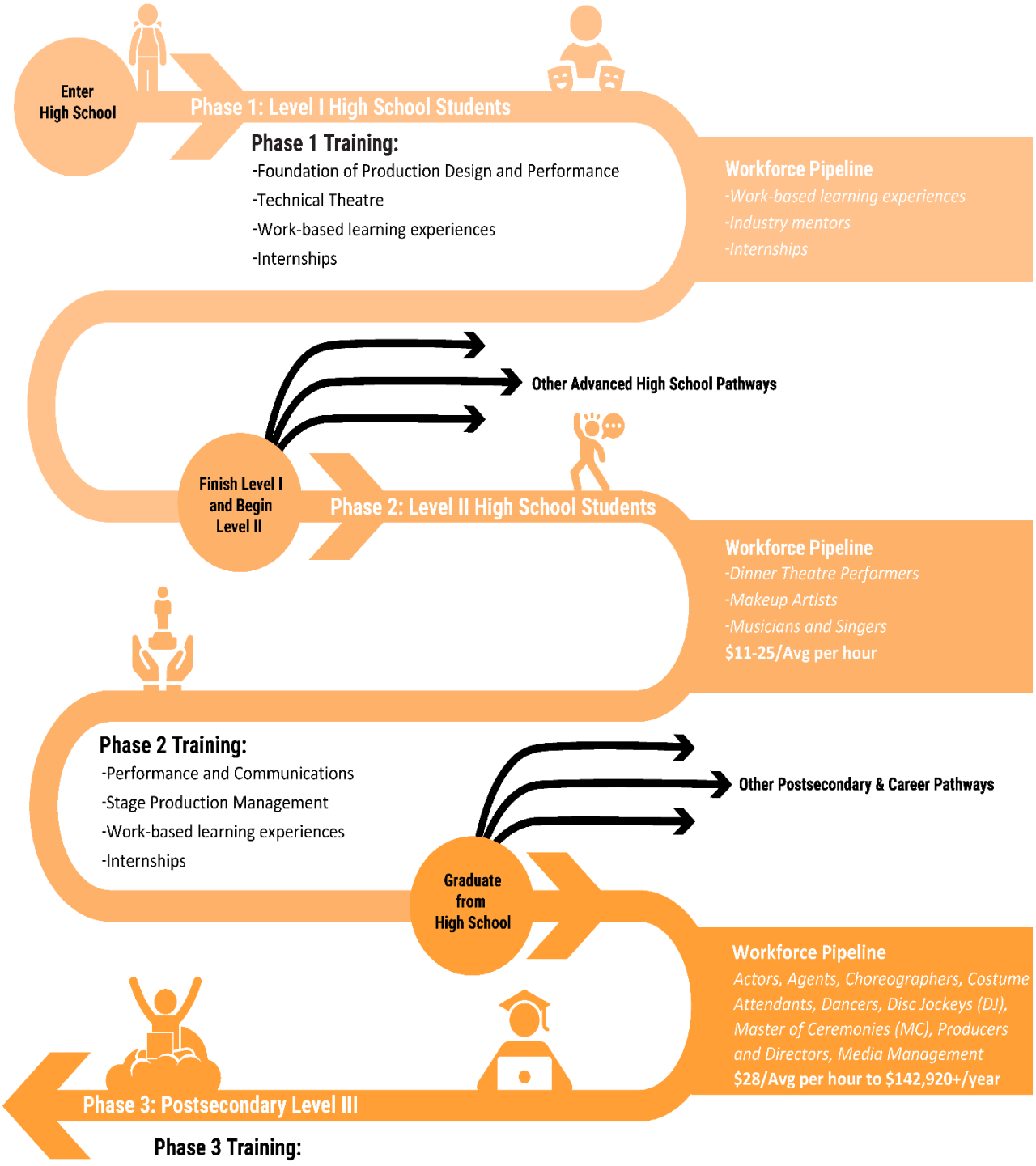
AUDIO/VISUAL PRODUCTION CTE
1209750 SCED 11051
Prerequisite not required but recommended to take Foundations of Multimedia Design and Comm.
Audio/Visual Production students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several classes and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for school and district productions outside of school hours.

COMMERICIAL PHOTOGRAPHY I and COMMERICIAL PHOTOGRAPHY II CTE
1208160 and 1208161 SCED 05167
Commercial Photography focuses on studio-based photography. Students will learn basic DSLR camera operations, framing and the art of styling and lighting for professional photo shoots. Projects will include various print advertisements and studio work.

ADOBE ILLUSTRATOR and ADOBE PHOTOSHOP CTE
1209771 SCED 11154 and 1209772 SCED 11154
Prerequisite Graphic Design or Photography I
Adobe Illustrator concentrates on the high-end capabilities of Adobe Illustrator as an illustration, design and vector drawing tool. Adobe Photoshop concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Industry certification focused courses.

D2 DESTINATIONS

Pathways to Theatre Technology



Pathway: Theatre Technology			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Foundation of Production Design and Performance	1208180	Year
Level 2	Technical Theatre	1208181	Year
Level 3	Performance and Communications	1208182	Year
Level 4	Stage Production Management	1208183	Year
Career and Technical Student Organizations (CTSOs)/Clubs: ***SkillsUSA**			

FOUNDATION OF PRODUCTION DESIGN & PERFORMANCE (A/B) CTE
1208180 SCED 05061
This year-long course introduces students to the variety of programs and occupations in the arts, audio/video technology, and production. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

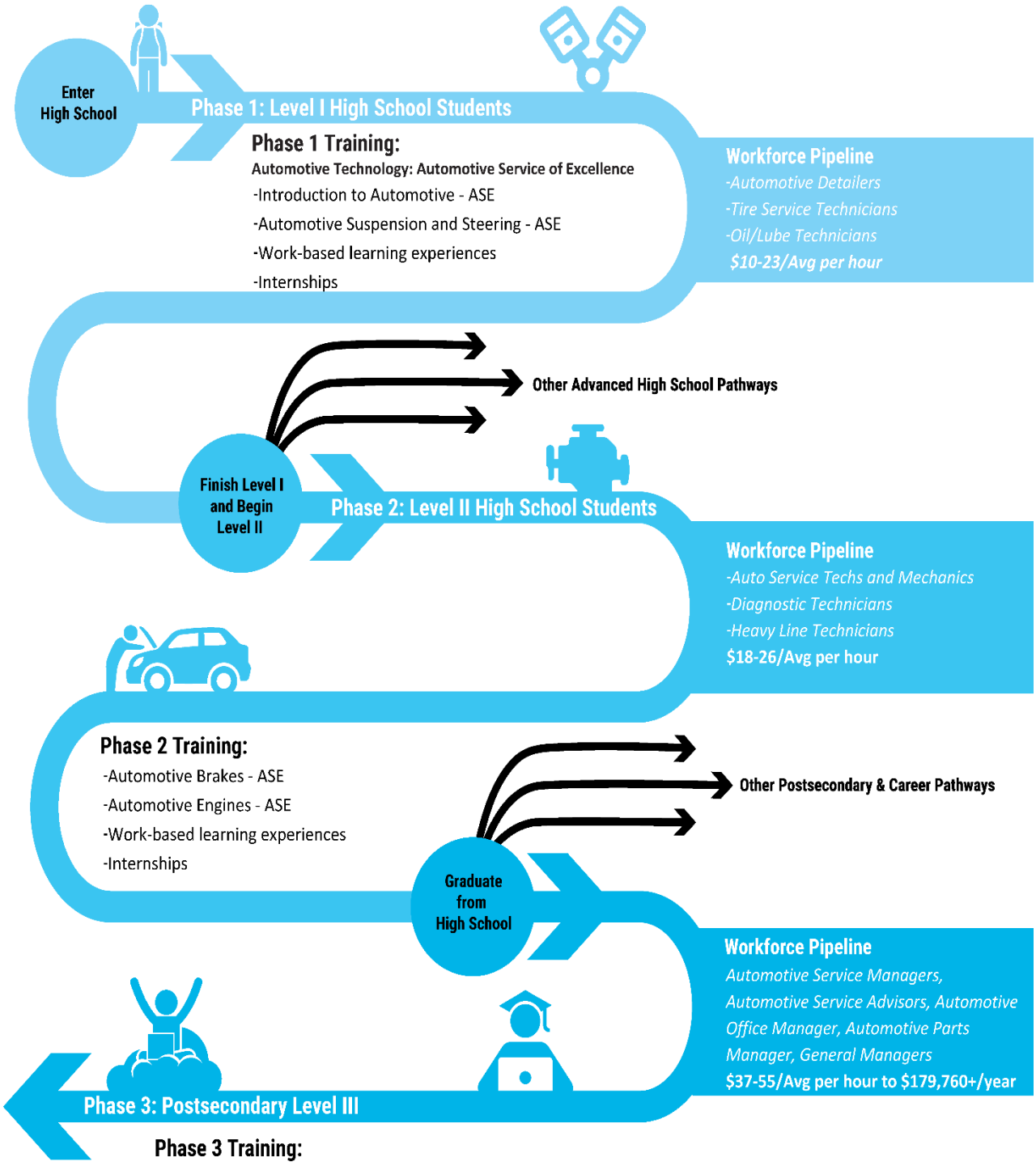
TECHNICAL THEATRE (A/B) CTE
1208181 SCED 05061
Prerequisite Foundations of Production Design and Performance
This year-long course introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.

PERFORMANCE & COMMUNICATIONS (A/B) CTE
1208182 SCED 05055
Prerequisite Foundations of Production Design and Performance
This year-long course introduces students to methods of performance and performance-dependent careers. Though performance is a significant part of this course, further topics include financial awareness, promotion and marketing, and management and leadership.

STAGE PRODUCTION MANAGEMENT (A/B) CTE
1208183 SCED 05056
Prerequisite Foundations of Production Design and Performance
This year-long course introduces students to various areas of management within the stage production industry which include stage manager (working with assistants, actors, and directors), theater manager (advertising, box office sales, public relations), human resources (training, hiring, safety, compensation, law), and financial manager (payroll and budget).

D2 DESTINATIONS

Pathways to Vehicle Maintenance and Repair Technologies



Pathway: Vehicle Maintenance and Repair Technologies			
Rigor Level	**Course Name**	**Course ID**	**Commitment**
Level 1	Introduction to Automotive	1202027	Semester (Double Block)
Level 2	Automotive Suspension and Steering – ASE	1209766	Semester (Double Block)
Level 3	Automotive Brakes – ASE	1209765	Semester (Double Block)
Level 4	Automotive Engines – ASE	1209767	Semester (Double Block)
Level 4	Work Study	9909460	Semester
Level 4	Internship	9909461	Semester
Career and Technical Student Organizations (CTSOs)/Clubs: ***SkillsUSA**			

INTRO TO AUTOMOTIVE CTE
1202027 SCED 20103
Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.

AUTO SUSP & STEER – ASE CTE
1209766 SCED 20106
Prerequisite Intro to Automotive
Automotive Suspension and Steering focuses on lecture and related experiences in the diagnosis and service of suspensions and steering systems and their components.

AUTO BRAKES – ASE CTE
1209765 SCED 20106
Prerequisite Intro to Automotive
Automotive Brakes focuses on basic operation of automotive braking systems. Includes operation, diagnosis, and basic repair of disc brakes, drum brakes, and basic hydraulic systems.

AUTO ENGINES – ASE CTE
1209767 SCED 20104
Prerequisite Intro to Automotive
Automotive Engines focuses on lecture and laboratory experiences in the service of cylinder head, valve-train components, and components of the cooling system. Includes engine removal, installation, and mounting systems.

Work Study
9909460
Work Study is provided for high school students with a desire to explore a career field that is in alignment with their ICAP. A portion of their school day will be spent working with an employer to gain valuable work experience prior to graduation. Students are granted release time from school to participate in part-time jobs where they utilize workforce readiness skills each semester (a maximum of two total elective credits toward graduation).

Internships
9909461 SCED 22998
Students may apply for internships with industry partners and schedule open blocks for this experiential learning for electives credit. Students may earn up to 1.0 credits/semester.

Course Offerings/Description

Symbol Key:

The following symbols will be used to designate specific classes in the course guide:

NCAA Approved Course: NCAA

Career Technical Classes: CTE

Class Size/Availability

Pre-registration is only an indication by a student of his/her desire to take specific classes. Some classes may not be available due to budget, staff or facility limitations, or too few students requesting the class.

ENGLISH

English Courses									
Course No.	Course Title	Grade levels				NCAA	Prereq	Course length	Credit
		9	10	11	12				
0121460	AP LANG COMP		✓	✓	✓	✓	✓	Year	1.00
0121430	AP LIT COMP			✓	✓	✓	✓	Year	1.00
9909870	AP SEMINAR-ENGLISH		✓	✓	✓		✓	Year	1.00
0101320	ENGLISH III		✓	✓		✓	✓	Year	1.00
0101420	ENGLISH IV			✓	✓	✓	✓	Year	1.00
0111130	PRE-AP ENGLISH I	✓				✓		Year	1.00
0111230	PRE-AP ENGLISH II	✓	✓			✓	✓	Year	1.00

AP LANG COMP NCAA
0121460 SCED 01005
Prerequisite English II

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP LIT COMP

0121430 SCED 01006
Prerequisite English III or AP Seminar
The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

AP SEMINAR - ENGLISH
9909870 SCED 22110
Prerequisite English II
AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

ENGLISH III

0101320 SCED 01003
Prerequisite English II
This year-long course focuses on all components of literacy to include but not limited to reading, speaking, and writing. Students will read a variety of texts from the canon of American Literature, spanning from the 17th century to the postmodern era, as they continue to develop key literacy skills. A comprehensive approach to literacy is included in this course as students experience all state and national expectations associated with the third level of high school English.

ENGLISH IV

0101420 SCED 01004
Prerequisite English III
This year-long course focuses on all components of literacy to include but not limited to reading, speaking, and writing. Students will read a variety of texts from the canon of British Literature, spanning from the medieval period to the postmodern and era, as they continue to develop key literacy skills. A comprehensive approach to literacy is included in this course as students experience the highest level of all state and national expectations associated with high school English.

PRE-AP ENGLISH I

0111130 SCED 01001

Pre-AP English 1 focuses on reading, writing, and language skills that are relevant to students' current work and essential for students' future to future high school and college coursework. Texts take center stage, preparing students for close, critical reading and analytical writing. The course trains readers to observe small details in a text to arrive at a deeper understanding of the whole. It also trains writers to create complex sentences—building this foundational skill en route to sophisticated, longer-form analyses.

PRE-AP ENGLISH II

0111230 SCED 01002

Prerequisite PRE-AP English I

Pre-AP English 2 builds on the foundations of Pre-AP English 1. While English 1 introduces the fundamentals of close observation, critical analysis, and the appreciation of author's craft, English 2 requires students to apply those practices to a new array of nonfiction and literary texts. As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion.

Social Science

Social Science Courses									
Course No.	Course Title	Grade levels				NCAA	Prereq.	Course length	Credit
		9	10	11	12				
0222375	AP COMPARATIVE GOV & POLITICS				✓	✓		Year	1.00
0222110	AP HUMAN GEOGRAPHY	✓	✓	✓	✓	✓		Year	1.00
0222361	AP PSYCHOLOGY		✓	✓	✓	✓		Year	1.00
0222374	AP US GOVERNMENT			✓	✓	✓		Year	1.00
0222340	AP US HISTORY			✓	✓	✓		Year	1.00
0222115	AP WORLD HISTORY		✓	✓	✓	✓		Year	1.00
0201204	CONTEMPORARY GLOBAL ISSUES				✓	✓		Sem	.50
0200901	ECONOMICS			✓	✓	✓		Sem	.50
0200900	GOVERNMENT			✓	✓	✓		Sem	.50
0200904	PERSONAL FINANCE		✓	✓	✓			Sem	.50
0212198	PRE-AP WORLD HISTORY	✓	✓	✓	✓	✓		Year	1.00
0202360	PSYCHOLOGY	✓	✓	✓	✓	✓		Year	1.00
0202365	SOCIOLOGY	✓	✓	✓	✓	✓		Sem	.50
0202370	STREET LAW	✓	✓	✓	✓	✓		Sem	.50
0202322	US HISTORY		✓	✓	✓	✓		Year	1.00

AP COMPARATIVE GOV & POLITICS NCAA

0222375 SCED 04158

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. Careful comparison of political systems produces useful knowledge about the institutions and policies countries have employed to address problems, or, indeed, what they have done to make things worse. Six countries form the core of the AP Comparative Government and Politics course: China, Great Britain, Iran, Mexico, Nigeria, and Russia.

AP HUMAN GEOGRAPHY

0222110 SCED 04004

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They 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).

AP PSYCHOLOGY

0222361 SCED 04256

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

AP US GOVERNMENT

0222374 SCED 04157

AP US Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret US politics and the analysis of specific examples. Topics to be covered will include the constitution pinning's, political beliefs and behaviors, political parties, interest groups, and mass media, public policy, civil rights and liberties. Students are REQUIRED to take the AP Exam in May.

AP US HISTORY

0222340 SCED 04104

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

AP WORLD HISTORY

0222115 SCED 04057
AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills. Five themes of equal importance focusing on the environment, cultures, state-building, economic systems, and social structures provide areas of historical inquiry for investigation across different periods and regions. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

CONTEMPORARY GLOBAL ISSUES

0201204 SCED 04064
Contemporary Issues introduces students to various issues facing the world today. Students will explore comparative and international politics, global economic systems, human rights, world health, environmental issues, global identities and social cleavages, and the role of the United States and the United Nations in a changing world. This class is designed to eliminate much of the confusion surrounding these issues and allow students to form their own opinions on matters that affect their world. Students will evaluate the issues and propose solutions from a variety of perspectives. The course will end in a cumulative senior thesis, which will require students to take and develop a stance on an issue covered during the year. The thesis component will allow students to develop writing skills crucial for success in college.

ECONOMICS

0200901 SCED 04201
Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

GOVERNMENT

0200900 SCED 04151
Government courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

PERSONAL FINANCE
0200904 SCED 19262
Personal Finance provides students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal-setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.

PRE-AP WORLD HISTORY NCAA
0212198 SCED 04051
The Pre-AP World History and Geography areas of focus prioritize the skills fundamental to the study of history and geography in high school, AP, and beyond. This gives students multiple opportunities to think and work like historians and geographers as they develop and strengthen these disciplinary reasoning skills throughout their education in history and the social sciences.

PSYCHOLOGY NCAA
0202360 SCED 04254
Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

SOCIOLOGY NCAA
0202365 SCED 04258
Sociology looks at the scientific study of human interaction. It is about the action, reaction, and interaction of people, both in their everyday lives and under extraordinary circumstances. It differs from psychology in that sociology deals with analysis of the whole and of groupings of people rather than scientific behaviors exhibited by individual subjects. This course seeks to further students' casual observations of society by looking both at the methods/procedures employed by sociologists and the results of their research.

STREET LAW NCAA
0202370 SCED 04166
In this course students will examine case law and review how it impacts real-world issues. Through a study of the 1st and 4th amendments, students will gain a greater recognition of due process of law and rights of citizenship.

US HISTORY NCAA
0202322 SCED 04101
This course focuses on United States history from the Age of Industrialization to the development of the United States as a military and economic power in the world arena will be studied. The course will also address social and political issues on the domestic front.

MATH

Math Courses									
Course No.	Course Title	Grade levels				NCAA	Prereq.	Course length	Credit
		9	10	11	12				
0323440	AP CALCULUS AB			✓	✓	✓	✓	Year	1.00
0323445	AP CALCULUS BC			✓	✓	✓	✓	Year	1.00
0313335	AP PRE-CALCULUS		✓	✓	✓			Year	1.00
323560	AP STATISTICS			✓	✓	✓	✓	Year	1.00
0303152	BUSINESS FINANCE				✓			Sem	.50
0303151	CONSUMER MATH				✓			Sem	.50
0313332	PRE-AP ALGEBRA I	✓	✓			✓		Year	1.00
0313333	PRE-AP ALGEBRA II		✓	✓	✓	✓	✓	Year	1.00
0313334	PRE-AP GEOMETRY	✓	✓	✓	✓	✓		Year	1.00

AP CALCULUS AB NCAA
0323440 SCED 02124
Prerequisite Algebra II
AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP CALCULUS BC NCAA
0323445 SCED 02125
Prerequisite Algebra II
AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP PRE-CALCULUS
0313335 SCED 02110
Prerequisite PRE-AP Algebra II
In AP Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.

AP Precalculus prepares students for other higher-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

AP STATISTICS

323560 SCED 02203
Prerequisite Teacher Recommendation
The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

BUSINESS FINANCE
0303152 SCED 19262
Students will build on and expand the personal finance lessons. Topics include: How many employees do I need? What are my profits? How do I do my taxes? The Business Finance course will take the student through these basic questions that each small business owner needs to answer.

CONSUMER MATH
0303151 SCED 19262
Students learn about math by applying the principles being taught in real life. Success means you stay out/manage debt. Topics include: How do I get a job? How much money are my skills worth? How do I pay my bills?

PRE-AP ALGEBRA I

0313332 SCED 02052
In Pre-AP Algebra 1, students develop a deep understanding of linear relationships emphasizing patterns of change, multiple representations of functions and equations, modeling real world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. Taken together, these ideas provide powerful conceptual tools that students can use to make sense of their world through mathematics.

PRE-AP ALGEBRA II

0313333 SCED 02056

Prerequisite PRE-AP Algebra I

In Pre-AP Algebra 2, students solidify and extend the understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling throughout the course.

PRE-AP GEOMETRY

0313334 SCED 02072

Prerequisite PRE-AP Algebra I

Pre-AP Geometry with Statistics provides students with a conceptual bridge between algebra and geometry that deepens their understanding of mathematics. The course includes a unit of statistics and probability to support students' understanding of concepts essential to quantitative literacy. Throughout the course, students solve problems across the domains of algebra, geometry, and statistics.

Natural/ Physical Science

Science Courses										
Course No.	Course Title	Grade levels				NCAA	LAB	Prereq.	Course length	Credit
		9	10	11	12					
0414530	ANATOMY & PHYSIOLOGY		✓	✓	✓	✓		✓	Year	1.00
0424570	AP BIOLOGY			✓	✓	✓	✓	✓	Year	1.00
0424325	AP CHEMISTRY			✓	✓	✓	✓	✓	Year	1.00
0424901	AP ENVIRONMENTAL SCIENCE		✓	✓	✓	✓	✓	✓	Year	1.00
0424630	AP PHYSICS 1				✓	✓	✓	✓	Year	1.00
0404120	EARTH SCIENCE			✓	✓	✓	✓		Year	1.00
0404128	METEOROLOGY	✓	✓	✓	✓				Sem	.50
0404121	PHYSICAL SCIENCE			✓	✓	✓	✓		Year	1.00
0404630	PHYSICS			✓	✓	✓	✓	✓	Year	1.00
0414001	PRE-AP BIOLOGY	✓	✓	✓	✓	✓	✓		Year	1.00
0404321	PRE-AP CHEMISTRY		✓	✓	✓	✓	✓	✓	Year	1.00
0404111	ZOOLOGY			✓	✓			✓	Year	1.00

ANATOMY & PHYSIOLOGY NCAA
0414530 SCED 03053
Prerequisite Biology
Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

AP BIOLOGY NCAA
0424570 SCED 03056
Prerequisite Biology and Chemistry
AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.

AP CHEMISTRY NCAA
0424325 SCED 03106
Prerequisite Chemistry and Algebra II
The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP ENVIRONMENTAL SCIENCE

0424901 SCED 03207
Prerequisite 2 years Lab Science & Algebra
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP PHYSICS 1

0424630 SCED 03155
Prerequisite Algebra II
AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

EARTH SCIENCE

0404120 SCED 03001
This inquiry laboratory-based course covers topics in astronomy, geology, oceanography, meteorology, and environmental science. Students will learn to interact in a world filled with natural disasters, changing climate, and new discoveries.

METEOROLOGY
0404128 SCED 03006
Meteorology courses examine the properties of the earth's atmosphere. Topics usually include atmospheric layering, changing pressures, winds, water vapor, air masses, fronts, temperature changes and weather forecasting.

PHYSICAL SCIENCE

0404121 SCED 03159
This laboratory-based course covers principles in chemistry and physics. Students will learn properties of matter, energy, forces, structures of atoms, and chemical reactions.

PHYSICS

0404630 SCED 03151
Prerequisite Algebra I
Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

PRE-AP BIOLOGY

0414001 SCED 03051
In Pre-AP Biology, students engage in real-world data analysis and problem solving that sparks critical thinking about our living world. As students engage in grade-level content, they utilize the kind of scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college.

PRE-AP CHEMISTRY

0404321 SCED 03101
Prerequisite Pre-AP Biology
In Pre-AP Chemistry, students develop a deep conceptual understanding of matter and energy at the molecular level as they learn to explain their macroscopic observations using particulate-level reasoning. As students engage in grade-level content, they utilize scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college.

ZOOLOGY
0404111 SCED 03061
Prerequisite Biology
This course surveys the animal kingdom. Initially, the emphasis is on the organic evolution of the Radiata and Protostome branches of life. The course delves into the theories of evolution, classification, and major invertebrate phyla. The course continues discussing the Deuterostomes with a focus on phylum Chordata and special attention given to subphylum Vertebrata. Further study into the evolution of anatomical structures, biome adaptations, and population dynamic's role in animal evolution. This course provides the opportunity for observation and comparison through the use of microscopes, specimen observation, and laboratory dissection.

World Languages

World Languages Courses									
Course No.	Course Title	Grade levels				NCAA	Prereq.	Course length	Credit
		9	10	11	12				
0505410	SPANISH I	✓	✓	✓	✓	✓		Year	1.00
0505420	SPANISH II	✓	✓	✓	✓	✓	✓	Year	1.00
0505530	SPANISH III		✓	✓	✓	✓	✓	Year	1.00
0525430	AP SPANISH LANG & CULTURE		✓	✓	✓	✓		Year	1.00

SPANISH I NCAA

0505410 SCED 06101

This year-long course provides an introduction to the development of Spanish language and knowledge of Spanish cultures. The goal of this course is for students to engage with the target language using simple sentences through listening, speaking, reading, and writing. Students will interpret cultural nuances as they deepen their understanding of the target culture in comparison to one's own culture. Students will be immersed in developing language skills in the three modes of language development: interpersonal, presentational, and interpretive. This level of language development can be described as using a target language at a survival level.

SPANISH II NCAA

0505420 SCED 06102

Prerequisite Spanish I

This year-long course provides continued development of the Spanish language and knowledge of Spanish cultures. The goal of this course is for students to engage with the target language by creating simple sentences to ask and answer a variety of questions through listening, speaking, reading, and writing. Students will investigate and compare cultural nuances as they deepen their understanding of the target culture in comparison to one's own culture. Students will be immersed in developing their skills in the three modes of language development: interpersonal, presentational, and interpretive. This level of language development can be described as using a target language at a functional level.

SPANISH III NCAA

0505530 SCED 06103

Prerequisite Spanish II

This year-long course provides extended development of the Spanish language and knowledge of Spanish cultures. The goal of this course is for students to engage with the target language by creating sentences and some series of connected sentences to ask and answer a variety of questions through listening, speaking, reading, and writing. Students will examine and compare cultural nuances as they deepen their understanding of the target culture in comparison to one's own culture. Students will be immersed in developing their skills in the three modes of language development: interpersonal, presentational, and interpretive. This level of language development can be described as using a target language at an extended functional level.

AP SPANISH LANGUAGE CULTURE

0525430 SCED 06112

Develop your Spanish language proficiency and your ability to understand the products, practices and perspectives of the cultures where Spanish is spoken. Use authentic materials and sources in Spanish to demonstrate your language proficiencies in multiple modes of communication, including Interpersonal Communication (two-way written interactions and conversations), Interpretive Communication, (interpretation of written, audio, and audio-visual materials), and Presentational Communication (oral and written presentations of information, opinions, and ideas).

Health & Physical Education

Health & PE Courses									
Course No.	Course Title	Grade levels				NCAA	Prereq	Course length	Credit
		9	10	11	12				
0707113	HEALTH	✓	✓	✓	✓			Sem	.50
0707110	PE I	✓	✓	✓	✓			Sem	.50
0707112	PE II		✓	✓	✓		✓	Sem	.50
0707250	WEIGHTS & COND		✓	✓	✓		✓	Sem	.50

HEALTH
0707113 SCED 08051
Students will comprehend concepts related to health promotion and disease prevention. Topics to be covered will include the interrelationship of mental, emotional, social, and physical health, the reproductive system, tobacco use, street and prescription drug abuse, and mental and emotional health. Other topics related to health may be added if time permits.

PE I
0707110 SCED 08001
PE I is a required class for graduation. In this class students will experience a wide variety of activities. Students will have team and individual sports. Students will also have circuit training and fitness testing. **Please refer to page 22 for more details**.

PE II
0707112 SCED 08001
Prerequisite PE I
PE II is revisiting all the team and individual activities you completed in PE I. Students will play volleyball, basketball, flag football, ultimate Frisbee, soccer, team games, badminton, tennis, and weights and conditioning. Class MAY be repeated for credit.

WEIGHTS & COND
0707250 SCED 08009
Prerequisite PE I
In Weights and Conditioning, students learn to incorporate machines and free weights into a workout program. There will be weekly circuits, jumping exercises, running, and lifting. Class MAY be repeated for credit.

Electives

Graduation requirements are designed to give a balanced program that will help you develop the skills and knowledge necessary to become a well-educated person. To complete your course of study a wide range of electives are available. Electives, if selected wisely, will help you explore and develop your interest, abilities, and lead to living a healthy and well-balanced life.

Electives Courses									
Course No.	Course Title	Grade levels				NCAA	Prereq	Course length	Credit
		9	10	11	12				
AVID									
1209625	AVID 9	✓					✓	Year	1.00
1209635	AVID 10		✓				✓	Year	1.00
1209636	AVID 11			✓			✓	Year	1.00
1209645	AVID 12				✓		✓	Year	1.00
FINE ARTS									
0828130	AP DRAWING		✓	✓	✓			Year	1.00
0828132	AP 2-D ART AND DESIGN		✓	✓	✓			Year	1.00
0828133	AP 3-D ART AND DESIGN		✓	✓	✓			Year	1.00
0828131	AP STUDIO ART: PORTFOLIO		✓	✓	✓			Year	1.00
0808110	ART	✓	✓	✓	✓			Year	1.00
0808131	CERAMICS		✓	✓	✓		✓	Sem	.50
0808152	DRAWING I		✓	✓	✓		✓	Sem	.50
0808135	PAINTING		✓	✓	✓		✓	Sem	.50
0808115	SCULPTURE		✓	✓	✓		✓	Sem	.50
PERFORMING ARTS									
0808500	AP MUSIC THEORY		✓	✓	✓			Year	1.00
0808432	BAND I	✓	✓	✓	✓			Year	1.00
0808431	BAND II		✓	✓	✓		✓	Year	1.00
0808321	CHOIR I	✓	✓	✓	✓			Year	1.00
0808320	CHOIR II		✓	✓	✓		✓	Year	1.00
0808322	CHOIR III			✓	✓		✓	Year	1.00
0808211	DRAMA	✓	✓	✓	✓			Year	1.00
0808444	GENERAL MUSIC	✓	✓	✓	✓			Sem	.50
0808421	JAZZ I	✓	✓	✓	✓			Year	1.00
0808404	JAZZ II		✓	✓	✓		✓	Year	1.00
0808510	ORCHESTRA I	✓	✓	✓	✓			Year	1.00
0808443	PIANO I	✓	✓	✓	✓			Sem	.50
0808445	PIANO II		✓	✓	✓		✓	Sem	.50
0808530	MUSIC PRODUCTION I		✓	✓	✓			Sem	.50
0808531	MUSIC PRODUCTION II		✓	✓	✓		✓	Sem	.50
0808240	MUSICAL THEATRE		✓	✓	✓			Year	1.00

ELECTIVES/OTHER									
Course No.	Course Title	Grade levels				NCAA	Prereq	Course length	Credit
		9	10	11	12				
0101010	CREATIVE WRITING			✓	✓	✓		Year	1.00
0994000	EDUCATION AND HUMAN SERVICES	✓	✓	✓	✓			Sem	.50
0101009	FILM LITERATURE		✓	✓	✓			Sem	.50
9908900	FRESHMAN ACADEMY	✓						Sem	.50
0404122	FORENSIC SCIENCE		✓	✓	✓			Sem	.50
0101012	LITERACY FOR LIFE			✓	✓			Year	1.00
0101011	MYTHOLOGY & FOLKLORE	✓	✓	✓	✓			Sem	.50
0201205	PEER MEDIATION		✓	✓	✓			Year	1.00
9908500	PEER PARTNERS		✓	✓	✓			Sem	.50
0101013	PUBLIC SPEAKING	✓	✓	✓	✓			Sem	.50
0201207	D2 HOPE (D2 – HARRISON OUTREACH AND PEER ENGAGEMENT)			✓	✓			Year	1.00
0202390	STUDENT GOVN/LEADERSHIP	✓	✓	✓	✓		✓	Year	1.00
1201610	YEARBOOK		✓	✓	✓		✓	Year	1.00
ROTC									
0707511	AFJROTC 100–HISTORY OF FLIGHT	✓	✓	✓	✓			Year	1.00
0707521	AFJROTC 200/300		✓	✓	✓		✓	Year	1.00
0707531	AFJROTC 400–MANAGEMENT				✓		✓	Year	1.00

AVID

AVID 9
1209625 SCED 72999
Prerequisite Application, Interview & 2.0 GPA
Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test- taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

AVID 10
1209635 SCED 72999
Prerequisite Application, Interview & 2.0 GPA
Students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

AVID 11
1209636 SCED 72999
Prerequisite Application, Interview & 2.0 GPA
This is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their post-secondary plans.

AVID 12
1209645 SCED 72999
Prerequisite Application, Interview & 2.0 GPA
This the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their post-secondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID system, as well as complete the requirements for the seminar course.

FINE ARTS

AP DRAWING
0828130 SCED 05172
Prerequisite Art
Explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making through a variety of means, such as paining, printmaking or mixed media.

AP 2-D ART AND DESIGN
0828132 SCED 05174
Prerequisite Art
This course teaches students a variety of concepts and approaches to 2D art so that the student is able to demonstrate a range of abilities and versatility with technique. Such conceptual variety can be demonstrated through either the use of one or the use of several media.

AP 3-D ART AND DESIGN
0828133 SCED 05175
Prerequisite Art
This course teaches students a variety of concepts and approaches to 3D art so that the student is able to demonstrate a range of abilities and versatility with technique. Such conceptual variety can be demonstrated through either the use of one or the use of several media.

AP STUDIO ART: PORTFOLIO
0828131 SCED 05171
Prerequisite Art
Students will complete a college level portfolio in Drawing and Painting, Two-Dimensional Design, and Three-Dimensional Design (sculpture).

ART
0808110 SCED 05154
This is an introductory art course which serves as a prerequisite for all other art classes. In other words, you must take this class before you can proceed to art studio classes such as drawing and painting. During this class, you will create some works of art, but the primary emphasis will be on art history, art critique, and the principles and elements of art. This class will teach you the fundamentals of art that are necessary to continue on in art.

CERAMICS
0808131 SCED 05159
Prerequisite Art I
Students in ceramics will explore different hand building techniques. While this course focuses on 3D design and processes, students will continue to be exposed to various artists through history, criticism, and aesthetics.

DRAWING I
0808152 SCED 05156
Prerequisite Art I
Visual Arts—Drawing courses provide a foundation in drawing using a variety of techniques and media (such as pen-and-ink, pencil, chalk, and so on) in both black and white and color, emphasizing observation and interpretation of the visual environment, life drawing, and imaginative drawing. These courses typically include applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses may encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.

PAINTING
0808135 SCED 05157
Prerequisite Art I
Students who have passed Art who want to further explore and create in the watercolor and acrylic mediums should enroll in this class. We will create studies from various cultures and movements as well as original works based on your individual interests and ideas. An emphasis will be placed on production, participation, and theory. Students will continue to be exposed to art history and critiques.

SCULPTURE
0808115 SCED 05158
Prerequisite Art I
Sculpture is designed for students who want to further explore and create in different sculpture mediums and techniques that may include wire, plaster, and paper maché. While this course focuses on 3D design and processes, students will continue to be exposed to various artists through history, criticism, and aesthetics. Drawing and painting could also be incorporated, but advanced skill is not necessary.

PERFORMING ARTS

AP MUSIC THEORY
0808500 SCED 05114
Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

BAND I
0808432 SCED 05101
This is an introductory band course where students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

BAND II
0808431 SCED 05101
Prerequisite Band I
This course is designed to develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances and also include experiences in creating and responding to music.

CHOIR I
0808321 SCED 05110
This is an entry level choir in which students will learn to sing in a choir by singing a variety of old and new music. Students will learn music theory, sight reading, performance techniques and prepare for performances throughout the year. Performances are mandatory for all students in this class.

CHOIR II
0808320 SCED 05110
Prerequisite Choir I
This course is for sophomores, juniors, and seniors only by teacher recommendation. Admission is limited by singing ability, music reading ability and the number of voice parts needed to have a balanced SATB Choir. This course performs a variety of music. Students attend concerts, festivals and have the ability to attend choir performance trips. Performances are mandatory for all students in this class.

CHOIR III
0808322 SCED 05111
Prerequisite Choir II
Choir III is designed for students who have a strong foundation in choral singing who would like to further develop their vocal skills and musicianship. Through a diverse selection of choral literature, students will refine their vocal technique, expand their vocal range, and enhance their understanding of advanced musical concepts. Emphasis will be placed on developing ensemble singing, sight-reading, and musical interpretation. Students will have the opportunity to perform in various concerts, competitions, and community events, showcasing their musical talents and dedication to the art of choral music. Students will also continue their study of music theory, music history, and vocal health practices that were established in earlier courses. This advanced course aims to challenge students to reach new heights in their musical journey and contribute to the rich tradition of choral excellence in our school.

DRAMA
0808211 SCED 05055
Students will learn about drama and theatre in all of its aspects. Through improvisation, memorized scenes, and creative performances, students will learn about concentration, observation, sensory recall, and emotional responses. Students will hone their creativity through performance, writing, and critique. They will also study stage directions and terms, movement, acting techniques, and theories.

GENERAL MUSIC
0808444 SCED 05117
This music course provides students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

JAZZ I
0808421 SCED 05106
This course helps students perform a variety of musical styles (e.g., traditional chamber music, jazz, and rock). At the same time, these courses help cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic and provide experiences in creating and responding to music. Courses typically range in size from 2 to 20 performers.

JAZZ II
0808404 SCED 05105
Prerequisite Jazz I
Students are expected to develop advanced skills through jazz performance technique and knowledge of jazz music theory and history. Students will be able to perform jazz music of simple to advanced difficulty and understand the fundamentals of jazz music from different cultures, periods and styles.

MUSICAL THEATRE
0808240 SCED 05060
Auditions Only
Through exploration, direction, and collaboration, students will develop and refine their skills as musical theatre performers in regard to voice, dance, and performance. Students will build a repertoire of at least 6 contrasting 16 - 32 bar pieces, 3 contrasting audition monologues, and be able to complete basic choreography. By the end of the course, students will be able to confidently audition for various opportunities, including the school play, musical, or college musical theatre auditions.

ORCHESTRA I
0808510 SCED 05104
Orchestra offers students the opportunity to learn how to play a string instrument, including violin, viola, cello, and bass. Students will develop their musical talents through the study and performance of a wide range of orchestral repertoire. Emphasis will be placed on developing technical proficiency, musical interpretation, and ensemble skills. Students will have the opportunity to perform in various concerts and events throughout the academic year, fostering a sense of teamwork and musical expression. Students will also gain an understanding of music theory, music history, and the role of orchestral music in various cultural contexts. This course provides an enriching experience for students to grow as musicians and contribute to the vibrant musical community at our school.

PIANO I
0808443 SCED 05107
Through applied piano practice, technique-building, and performance, students will learn musical notation and vocabulary while examining music history and culture. Cross-curricular connections with musical study will be emphasized and explored based on student inquiry. The class will provide students with a variety of instructional methods and ways to demonstrate learning. Group instruction, small group work, partner work, and ample one-on-one guidance from the teacher will build a collaborative learning space.

PIANO II
0808445 SCED 05107
Prerequisite Piano I
Students will develop a better understanding of keys, and accompanying 2-octave scales and arpeggios of keys up to 3 sharps and 2 flats. Fluidity in changing hand positions for pieces written in multiple hand positions. Application of chords and arpeggios of keys discussed, to some well-known melodies. Intermediate level understanding of note values and rhythm will be developed throughout this course.

MUSIC PRODUCTION I
0808530 SCED 05119
This course is designed to give students a chance to explore songwriting and music production. Using the computer as a virtual recording studio, students will combine software-based sound production with recorded audio from their original compositions. Students will write at least one full song and present their work at a showcase at the end of the semester, as well as record their compositions.

MUSIC PRODUCTION II
0808531 SCED 05119
Prerequisite Music Production I
Students will explore advanced music production techniques and experiment with multiple digital audio workstations to get a further and deeper understanding with songwriting and the field of music production. Students will write and produce at least one full song and present their work at a showcase at the end of the semester, as well as record their compositions.

ROTC

AFJROTC 100–HISTORY OF FLIGHT
0707511 SCED 09151
Air Force Junior Reserve Officer Training Corps (ROTC) I courses include both aerospace studies and leadership/life skills education. In these courses, leadership/life skills lessons cover the heritage and development of the Air Force, including its structure, operations, customs, and courtesies. Aerospace topics include the development, history, and impact of flight; aircraft and spacecraft; and the environment in which these crafts operate.

AFJROTC 200/300
0707521 SCED 09152
Prerequisite AFJROTC 100/200
Air Force Junior Reserve Officer Training Corps (ROTC) II courses include both aerospace studies and leadership/life skills education. In these courses, leadership/life skills lessons cover intercommunication skills, drill, and military ceremonies. Aerospace topics emphasize the science of flight, including factors of aerospace power, aircraft flight, and navigation.

AFJROTC 400–MANAGEMENT
0707531 SCED 09153
Prerequisite AFJROTC 200/300
Air Force Junior Reserve Officer Training Corps (ROTC) III courses include both aerospace studies and leadership/life skills education. These courses continue to develop students' life and leadership skills and the ways in which they apply to military life. Aerospace topics emphasize space technology and exploration; examine national defense systems; and advance students' knowledge of aviation, propulsion, and navigation.

ELECTIVES/OTHER

CREATIVE WRITING

0101010 SCED 01104
The focus of this course is to provide advanced instruction in writing as a skill and tool to convey information as an art and genre. In this course, students examine traditional and contemporary authors, explore writing styles, and craft their own unique writing voice.

EDUCATION AND HUMAN SERVICES
0994000 SCED 19199
This course is a college-preparatory course for students who want to pursue careers in education, training and human services. This year-long course will cover foundational topics to help students understand what it takes to become a teacher in pre-school, elementary, middle school, high school, college and graduate school. Furthermore, this course will introduce the students to a career in human resources and training. They will also learn more about human service careers, such as social work, community organizer, non-profit leader, etc. By the end of this course, students must be able to understand the admission process for these related careers and must have assessed their interests align with the field.

FILM LITERATURE

0101009 SCED 05168
The focus of this course is to provide literary instruction and analysis in comparison and in contrast to film. Both versions of the concepts are explored where students are able to articulate and describe the use of "single story" and how both film and literature are largely based upon societal shifts and norms.

FORENSIC SCIENCE
0404122 SCED 03214
This class will be a real-world application of all things science (biology, chemistry, and physics) to the criminal and civil laws that are enforced by agencies in the U.S. and other countries. It will include fingerprinting, creation of molds (for tires and shoes), fiber analysis, trace evidence, blood splatters, and DNA evidence. Students will learn proper collection, preservation, and laboratory analysis techniques that have real-world applications.

FRESHMAN ACADEMY
9908900 SCED 19258
The year-long course is structured on key components to support 9th graders during their transition to high school. In addition to addressing crucial aspects of success in high school, such as organization, study skills, and community engagement, the course offers 9th-grade students the chance to develop basic Microsoft Office skills, aligning with the school's 1:1 initiative. Furthermore, the course integrates support for students through Social-Emotional Learning (SEL), recognizing the importance of emotional well-being in academic success. Additionally, students are provided with opportunities to explore potential career paths, aiding them in making informed decisions about their future classes and career trajectories. Throughout the entire course, a variety of resources, including peer mentors , school counselors, administrators, and community speakers, contribute to a comprehensive and supportive learning experience.

LITERACY FOR LIFE
0101012 SCED 22209
Communicating effectively, thinking critically, reading competently, and utilizing professional/ethical judgment are universal skills needed to successfully navigate the expectations of a contributing US citizen. In this year long course, students will explore a variety of legal documents and "life" situations where they would need to employ reading, writing, speaking, and judgment skills. This course will cover understanding and responding to life situations such as (but not limited to): email etiquette, resumes, contracts, college applications, job interviews, rental/lease agreements, educational/professional assessments, and so much more through project-based learning.

MYTHOLOGY & FOLKLORE
0101011 SCED 01069
This course provides an opportunity to explore the history and oral traditions of mythology and folklore. Students will become familiar with and be able to recognize various forms of mythology and folklore and will develop ability to critically analyze and interpret myths and folklore from different historical periods and cultures. Through analysis and critical reading, students will become aware of the cultural contexts of myth, folklore, and oral tradition while gaining an understanding of the creation and production of the genre of texts.

PEER MEDIATION
0201205 SCED 04162
Peer Mediators are students eager to intervene, represent, and be agents of positive cultural change in our school and community. As a Peer Mediator, you represent student voice and choice, and will be trained to effectively use the techniques of Restorative Practices to facilitate restorative conferences with students and staff, and work to build overall wellness in our school through a variety of campaigns focused on Hope, Help, and Strength.

PEER PARTNERS
9908500 SCED 22107
The Partners in Education Internship Special Education is designed to provide reciprocal academic and social benefits to Student(s)s with disabilities and their peers, without disabilities (Interns). The Intern would be assigned to one or more Student(s)s in the Special Education program (the Student(s) they are assigned to may periodically change). The Intern would be in class with the Student(s) to help the Student(s) complete the classwork assignments. The Intern does not do the assignments but monitors the Student(s) and helps the Student(s) to keep up in class and finish their classwork. The Intern

socializes with their Student(s) and the other Student(s)s of the Special Education Program. The Intern will also try to get the Student(s) to participate in the class by answering the Teachers' question even if they have to give the answer to the Student(s).

PUBLIC SPEAKING
0101013 SCED 01151
This course focuses on developing the skill of public speaking, including technical aspects of constructing effective speeches such as the use of visual aids. Emphasis will be placed on techniques to gain confidence when engaged in public speaking to deliver presentations and proposals for a variety of purposes and audiences such as school, the greater community, and professional careers. Students will focus their attention on the principles and perspectives necessary to effectively write for varying audiences, including research to support claims.

D2 HOPE (D2 – HARRISON OUTREACH AND PEER ENGAGEMENT)
0201207 SCED 22104
Empathy, collaboration, community involvement, reflection, leadership, adaptability, and initiative are all necessary attributes of a successful, well-rounded, young adult. In this course, students will collaborate with D2 staff and students, as well as a variety of community members, to work towards the mission of giving back to the D2 community and building relationships/mentorships across grade levels (K-12) to foster educational roots and motivation.

STUDENT GOVN/LEADERSHIP
0202390 SCED 22101
Prerequisite Application and Teacher Approval
Student Body officers MUST have taken Student Leadership Class prior to being elected an officer for the school. The purpose of the student leadership/Student Council course is to provide opportunities for students to acquire knowledge to practice fundamental skills in leadership including goal setting and evaluation, meeting skills and communication, planning, marketing, publicity, diversity and issue awareness, spirit and sportsmanship, community and school service.

YEARBOOK
1201610 SCED 11104
Prerequisite Photography or Foundations of Multimedia or Journalism
The yearbook staff masters the skills needed to produce the yearbook, including information-gathering, photography, darkroom, layout design, copy writing, proofreading, and desktop publishing on computer. The staff finances the book through yearbook sales and by soliciting advertisements which is a requirement for grades in the class. Extensive out of class work is also a requirement of yearbook. Students who sign up for the class will be required to complete an application to be turned into the yearbook advisor during the registration process.

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION									
Course No.	Course Title	Grade levels				NCAA	Prereq	Course length	Credit
1209771	ADOBE ILLUSTRATOR			✓	✓		✓	1 Year	1.00
1209772	ADOBE PHOTOSHOP			✓	✓		✓	1 Year	1.00
0420158	AP COMPUTER SCIENCE PRINCIPLES		✓	✓	✓		✓	Year	1.00
0414530	ANATOMY AND PHYSIOLOGY			✓	✓		✓	1 Year	1.00
1209750	AUDIO/VISUAL PRODUCTION		✓	✓	✓		✓	1 Year	1.00
1209765	AUTO BRAKES – ASE (DOUBLE BLOCKED)			✓	✓		✓	Sem	1.00
1209766	AUTO SUSP & STEER – ASE (DOUBLE BLOCKED)		✓	✓	✓		✓	Sem	1.00
1209767	AUTO ENGINES – ASE (DOUBLE BLOCKED)			✓	✓		✓	Sem	1.00
1206115	CATERING		✓	✓	✓		✓	1 Year	1.00
1208160	COMMERCIAL PHOTOGRAPHY I	✓	✓	✓	✓			1 Year	1.00
1208161	COMMERCIAL PHOTOGRAPHY II		✓	✓	✓		✓	1 Year	1.00
1209761	COMPUTER SCIENCE FOUNDATIONS	✓	✓	✓	✓			1 Year	1.00
1271712	CONSTRUCTION – CORE (DOUBLE BLOCKED)			✓	✓			Sem	.50
1271713	CONSTRUCTION – CARPENTRY (DOUBLE BLOCKED)			✓	✓		✓	Sem	.50
0420158	CYBERSECURITY	✓	✓	✓	✓		✓	1 Year	1.00
1209800	DESIGN SEMINAR	✓	✓	✓	✓			Sem	.50
0994000	EDUCATION EXPLORATION		✓					Sem	.50
1209769	FASHION DESIGN AND MERCHANDISING I	✓	✓	✓	✓		✓	Sem	.50
1209770	FASHION DESIGN AND MERCHANDISING II		✓	✓	✓		✓	Sem	.50
1208180	FOUNDATION OF PRODUCTION DESIGN & PERFORMANCE (A/B)	✓	✓	✓	✓			1 Year	1.00
1209810	GRAPHIC DESIGN	✓	✓	✓	✓			Sem	.50
1209712	INTERIOR DESIGN		✓	✓	✓		✓	Sem	.50

CAREER AND TECHNICAL EDUCATION Cont.									
Course No.	Course Title	Grade levels				NCAA	Prereq	Course length	Credit
		9	10	11	12				
1202027	INTRO TO AUTOMOTIVE (DOUBLE BLOCKED)		✓	✓	✓			Sem	1.00
1203010	INTRO TO BUSINESS	✓	✓	✓	✓			1 Year	1.00
1206110	INTRO TO CULINARY ARTS	✓	✓	✓	✓			Sem	.50
1209751	INTRO TO HEALTH SCIENCES		✓	✓	✓			1 Year	1.00
1209749	MULTIMEDIA DESIGN AND COMMUNICATION	✓	✓	✓	✓			1 Year	1.00
1209768	NETWORKING (COMPUTERS)		✓	✓	✓		✓	1 Year	1.00
1209762	PATIENT CARE TECHNICIAN			✓	✓		✓	1 Year	1.00
1208182	PERFORMANCE & COMMUNICATIONS (A/B)		✓	✓	✓		✓	1 Year	1.00
1208151	PHOTOGRAPHY	✓	✓	✓	✓			Sem	.50
0404123	PLTW INTRO TO ENGINEERING DESIGN	✓	✓	✓	✓			1 Year	1.00
0404124	PLTW PRINCIPLES OF ENGINEERING		✓	✓	✓		✓	1 Year	1.00
0404126	PLTW AEROSPACE ENGINEERING			✓	✓		✓	1 Year	1.00
0404127	PLTW ENGINEERING DESIGN AND DEVELOPMENT				✓		✓	1 Year	1.00
1201704	PRINCIPLES OF CONSTRUCTION		✓					1 Year	1.00
1106900	PRINCIPLES OF MARKETING		✓	✓	✓			1 Year	1.00
1201513	PRINT MEDIA I	✓	✓	✓	✓			Sem	.50
1201514	PRINT MEDIA II	✓	✓	✓	✓		✓	Sem	.50
1206112	SAFETY & SANITATION	✓	✓	✓	✓		✓	Sem	.50
1209763	SPORTS MEDICINE			✓	✓		✓	1 Year	1.00
1208183	STAGE PRODUCTION MANAGEMENT		✓	✓	✓		✓	1 Year	1.00
1208181	TECHNICAL THEATRE (A/B)		✓	✓	✓			1 Year	1.00

CAREER & TECHNICAL EDUCATION CTE *changed CTE to its own section like CE

ADOBE ILLUSTRATOR CTE
1209771 SCED 11154
Adobe Illustrator concentrates on the high-end capabilities of Adobe Illustrator as an illustration, design and vector drawing tool. Students learn how to use the tools to create digital artwork that can be used in web design, print media, and digital screen design. The course competencies and outline follow those set out by the Adobe Certified Associate exam in Graphic Design & Illustration Using Adobe Illustrator.

ADOBE PHOTOSHOP CTE
1209772 SCED 11154
Adobe Photoshop concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics, and videos. The course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.

AP COMPUTER SCIENCE PRINCIPLES CTE
0414530 SCED 10157
Prerequisite Foundations of Computer Science
AP Computer Science Principles introduces students to the fundamental ideas of computer science and how to apply computational thinking across multiple disciplines. The course teaches students to apply creative designs and innovative solutions when developing computational artifacts. The course emphasizes topics such as abstraction, communication of information using data, algorithms, programming, the Internet, and global impact.

ANAT/PHYSIOLOGY CTE
0414530 SCED 03053
Prerequisite Biology and Intro to Health Science
Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

AUDIO/VISUAL PRODUCTION CTE
1209750 SCED 11051
Prerequisite not required but recommended to take Multimedia Design and Comm.
Audio/Visual Production students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several classes and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for school and district productions outside of school hours.

AUTO BRAKES – ASE CTE
1209765 SCED 20106
Prerequisite Intro to Automotive
Automotive Brakes focuses on basic operation of automotive braking systems. Includes operation, diagnosis, and basic repair of disc brakes, drum brakes, and basic hydraulic systems.

AUTO SUSP & STEER – ASE CTE
1209766 SCED 20106
Prerequisite Intro to Automotive
Automotive Suspension and Steering focuses on lecture and related experiences in the diagnosis and service of suspensions and steering systems and their components.

AUTO ENGINES – ASE CTE
1209767 SCED 20104
Prerequisite Intro to Automotive
Automotive Engines focuses on lecture and laboratory experiences in the service of cylinder head, valve-train components, and components of the cooling system. Includes engine removal, installation, and mounting systems.

CATERING CTE
1206115 SCED 16099
Prerequisite Intro to Culinary Arts, Safety & Sanitation, and ServSafe Food Handler Certification
Students in this class will learn job skills needed for success in the food service industry including sanitation and safety, customer service, and food presentation. Develop entrepreneurial skills as you learn how to run a catering business. Students will plan, prepare, and execute actual catered events for different groups around the school.

COMMERICIAL PHOTOGRAPHY I CTE
1208160 SCED 05167
Commercial Photography I students focus on studio-based photography. Students will learn basic DSLR camera operations, framing and the art of styling and lighting for professional photo shoots. Projects will include various print advertisements and studio work. Students will learn about careers related to commercial photography and postsecondary programs requirements within Colorado. Some examples of jobs in this area are photographer, graphic designer, and stylist. Students will complete several projects and design pieces to be added to personal portfolios.

COMMERICIAL PHOTOGRAPHY II CTE
1208161 SCED 05167
Prerequisite Commercial Photography I
Commercial Photography II emphasizes the needs of commercial photographers with regard to technical expertise, creativity, and professional equipment. Technical aspects include film to digital transfer, lighting, digital image manipulation, alternative processes, large format camera work and stock photography. Creative exploration of subject matter, lighting, color theory and other psychological characteristics in the development of images are studied. A variety of photographic equipment is utilized for the studio and on location. Students are expected to create a portfolio of work for both print and electronic formats.

COMPUTER SCIENCE FOUNDATIONS CTE
1209761 SCED 10011
Computer Science Foundations is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completing this course, proficient students will describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.

CONSTRUCTION – CORE CTE
1271712 SCED 17017
Introduces the fundamentals for all construction trades to include basic construction site safety, introduction to construction math, introduction to power tools, introduction to construction drawings, basic communication skills, basic employability skills, and introduction to material handling. This course is designed as an entry-level course for any of the building trades program specialties. Students can earn the National Center for Construction Education and Research (NCCER CORE), Home Build Institute (HBI Core), and Occupational Safety and Health Administration (OSHA 10) certifications.

CONSTRUCTION – CARPENTRY CTE
1271713 SCED 17017
Prerequisite Construction – CORE
Introduces foundational level carpentry skills, basic residential construction systems, the importance of personal and workplace safety, and the role of carpenters within the construction industry. Students can earn the National Center for Construction Education and Research (NCCER Carpentry I) and Home Build Institute (HBI Carpentry) certifications.

CYBERSECURITY CTE
0420158 SCED 10108
Prerequisite Computer Science Foundations
Cyber Security provides students with the basic concepts of cyber security and focuses on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in-house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization's information. Upon completion of this course, proficient students will demonstrate an understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and be able to demonstrate how to implement various aspects of security within a networking system.

DESIGN SEMINAR CTE
1209800 SCED 05193
This course will give students an introduction to the elements and principles of design as seen in Interior Design and Fashion Design. In addition, it will introduce students to the many careers that require design. Students will begin creating their own designs in fashion and in interior design as well as analyze designs from current professionals in the field.

EDUCATION EXPLORATION CTE
0994000 SCED 19199
Education Exploration is a college-preparatory course for students who want to pursue careers in education, training and human services. This course will cover foundational topics to help students understand what it takes to become a teacher in pre-school, elementary, middle school, high school, college and graduate school. Furthermore, this course will introduce the students to a career in human resources and training. They will also learn more about human service careers, such as social work, community organizer, non-profit leader, etc. By the end of this course, students must be able to understand the admission process for these related careers and must have assessed their interests align with the field.

FASHION DESIGN AND MERCHANDISING I CTE
1209769 SCED 05190
Prerequisite Design Seminar
Fashion Design and Merchandising 1 is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising.

FASHION DESIGN AND MERCHANDISING II CTE
1209770 SCED 05190
Prerequisite Interior Design
Fashion Design and Merchandising 2 is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising. This course compared to Fashion Merchandising 1 focuses more on promotion and marketing, global perspectives, technological advances, product creation, and retail sale.

FOUNDATION OF PRODUCTION DESIGN & PERFORMANCE (A/B) CTE
1208180 SCED 05061
This year-long course introduces students to the variety of programs and occupations in the arts, audio/video technology, and production. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

GRAPHIC DESIGN CTE
1209810 SCED 11154
Prerequisite Multimedia Design and Communication
Graphic Design students will learn to use a variety of Adobe products to create marketable designs for clients, such as Adobe Photoshop and Adobe Illustrator to design shirts, create product packaging, develop a logo for a client, and create posters for groups around the school.

INTERIOR DESIGN CTE
1209712 SCED 05193
Prerequisite Fashion Design and Merchandising 1
Interior Design is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation- CIDA). This course focuses predominantly on residential design. Students integrate knowledge, skills, and practices to evaluate career opportunities. Areas of focus include: residential vs commercial design, careers, design drawings, professional practices, design elements and principles, and the design process.

INTRO TO BUSINESS CTE
1203010 SCED 12051
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.

INTRO TO AUTOMOTIVE CTE
1202027 SCED 20103
Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.

INTRO CULINARY ARTS CTE
1206110 SCED 16056
Introductory skills in food preparation centering on the food pyramid is the main focus of this class. In addition, nutrition, meal planning, time management, serving of food, and careers related to the food industry are covered. This is a prerequisite for Catering.

INTRO TO HEALTH SCIENCES CTE
1209751 SCED 14251
Introduction to Health Science provides an overview of the challenging environments and occupations in the healthcare field. This course introduces students to the pathways that make up the health science cluster. Students are provided with a hands-on application of the foundational knowledge and skills to include health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare.

MULTIMEDIA DESIGN AND COMMUNICATION CTE
1209749 SCED 05260
The goal of Foundations of Multimedia Art, Design, and Communications is for the student to understand arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. Students are also introduced to the variety of programs and occupations in the arts, audio/video technology, and communication systems. Careers in the Arts, Audio/Video Technology, and Communications include video production, TV broadcasts, advertising, motion pictures, journalism publications, and debate. In

addition to creative aptitude, these careers require a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

NETWORKING CTE
1209768 SCED 10102
Networking is an advanced course designed to emphasize the conceptual and practical skills necessary to design, manage, and diagnose network hardware and software. Upon completion of this course, proficient students will identify types of networks, understand the layers of the open systems interconnection (OSI) model, prevent security risks, and apply troubleshooting theory to the successful execution of networking tasks. Course content covers transmission control protocol, internet protocol, wired and wireless topologies, switching and routing, network hardware, wireless networking, and network operating systems (NOS). Upon completion of this course, proficient students will be prepared to sit for the CompTIA Network+ exam.

PATIENT CARE TECHNICIAN CTE
1209762 SCED 14002
The Patient Care Technician Certification (CPCT/A) course provides preparation for the National Health career Association (NHA) CPCT/A certification exam. The course also instills the knowledge and standards needed for excellence in Patient Care Technician practice. The NHA CPCT/A certification is an approved certification found on the Career Development Incentive Program (CDIP) approved programs list.

PERFORMANCE & COMMUNICATIONS (A/B) CTE
1208182 SCED 05055
This year-long course introduces students to methods of performance and performance-dependent careers. Though performance is a significant part of this course, further topics include financial awareness, promotion and marketing, and management and leadership.

PHOTOGRAPHY CTE
1208151 SCED 05167
Explore the possibilities of what can happen with high quality cameras and Adobe Photoshop. Learn how to take and distort photos with Photoshop while learning the complexity of how to use a digital camera correctly.

PLTW INTRO TO ENGINEERING DESIGN NCAA CTE
0404123 SCED 21017
Following Project Lead the Way's suggested curriculum, PLTW Introduction to Engineering Design course focuses on solving a wide range of engineering problems. Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions. Students develop skills in technical representation and documentation especially through 3D computer modeling using a Computer Aided Design (CAD) application.

PLTW PRINCIPLES OF ENGINEERING

0404124 SCED 21017
Following Project Lead the Way's suggested curriculum, PLTW Principles of Engineering course focuses on solving a wide range of engineering problems. This course introduces students to engineering concepts that are applicable to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development.

PLTW AEROSPACE ENGINEERING

0404126 SCED 21019
Prerequisite: Completion of either Introduction to Engineering, Principles of Engineering, or JSEP with a grade of C or higher.
Following Project Lead the Way's suggested curriculum, PLTW Aerospace Engineering course focuses on the of flight in air and space through software simulations and hands-on experiences. Students learn how these concepts apply to a career in aerospace engineering and to other engineering fields as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. Students will learn orbital mechanics concepts and apply these by creating models using industry-standard software.

PLTW ENGINEERING DESIGN AND DEVELOPMENT

0404127 SCED 21025
Prerequisite PLTW Aerospace Engineering
Following Project Lead the Way's suggested curriculum, PLTW Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process.

PRINCIPLES OF CONSTRUCTION

1201704 SCED 17001
Not required to start Construction – CORE (Sophomores Only; Upon Availability)
Introduces the fundamentals for all construction trades to include basic construction site safety, introduction to construction math, introduction to power tools, introduction to construction drawings, basic communication skills, basic employ-ability skills, and introduction to material handling. This course is designed as an entry level course for any of the building trades program specialties.

PRINCIPLES OF MARKETING

1106900 SCED 12164
Prerequisite Intro to Business
Principles of Marketing 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.

PRINT MEDIA I CTE
1201513 SCED 11105
Students demonstrate their understanding of a variety of programs and occupations in print media using digital tools that are widely available in professional publication work. Focus is on producing content for reader-oriented publications. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.

PRINT MEDIA II CTE
1201514 SCED 11105
Prerequisite Print Media I
This course is recommended for students who have completed Print Media I and who want to develop their leadership skills while expanding on various modes of reporting and creating print media for specific audiences. Instruction will be paired with hands-on lab experiences in community reporting.

SAFETY & SANITATION CTE
1206112 SCED 16056
Prerequisite Intro to Culinary Arts
Safety and Sanitation students will gain an advanced understanding of kitchen safety and sanitation in a professional setting through classroom instruction and demonstration of skills in the kitchen. Safety and Sanitation will prepare students to pass the National Restaurant Association's ServSafe exam and receive national certification, which is a prerequisite for enrollment into the Catering course.

SPORTS MEDICINE CTE
1209763 SCED 14062
This year-long course provides students with a general overview of the field of sports medicine. It includes introductory information about careers; scope of practice; legal and ethical responsibilities; injury prevention, treatment, and management; anatomy and physiology; nutrition; basic taping and wrapping techniques, and administrative functions. Students can earn the National Academy of Sports Medicine (NASM) Personal Trainer Certification.

STAGE PRODUCTION MANAGEMENT (A/B) CTE
1208183 SCED 05056
This year-long course introduces students to various areas of management within the stage production industry which include stage manager (working with assistants, actors, and directors), theater manager (advertising, box office sales, public relations), human resources (training, hiring, safety, compensation, law), and financial manager (payroll and budget).

TECHNICAL THEATRE (A/B) CTE
1208181 SCED 05061
This year-long course introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.

CONCURRENT ENROLLMENT

(SEE PAGE 16 FOR MORE DETAILS)

Concurrent Enrollment Courses Offered on the High School Campus										
Course No.	Course Title	Grade levels				NCAA	LAB	Prereq	Course length	Credit
		9	10	11	12					
1261120	ENG 1021 - ENGLISH COMPOSITION I (PPSC)		✓					✓	Sem	1.00
1260913	HIS 1120 – THE WORLD: 1500 – PRESENT (PPSC)		✓					✓	Sem	1.00
1262152	MAT 1240 – MATHEMATICS FOR LIBERAL ARTS (PPSC)			✓				✓	Sem	1.50
1265050	ASL 1121 – AMERICAN SIGN LANGUAGUE (PPSC)				✓				Sem	2.00
1262371	GEO 1005 – WORLD REGIONAL GEOGRAPHY (PPSC)				✓			✓	Sem	1.00
1271107	COM 1150 – PUBLIC SPEAKING (PPSC)			✓				✓	Sem	1.00
1265190	EDU 2211 – FOUNDATIONS OF EDUCATION (PPSC - TEACHER CADET PROGRAM)			✓	✓				Sem	1.00
1275193	EDU 2341 - MULTI-CULTURAL EDUCATION (PPSC - TEACHER CADET PROGRAM)			✓	✓				Sem	1.00
1275196	EDU 2611 - TEACHING, LEARNING, & TECHNOLOGY (PPSC - TEACHER CADET PROGRAM)			✓	✓				Sem	1.00
1275195	EDU 1088 - PRACTICUM (PPSC – TEACHER CADET PROGRAM)			✓	✓				Sem	1.00
1262361	PSY 1001 – INTODUCTION TO PSYCHOLOGY (PPSC)		✓	✓	✓			✓	Sem	1.00

Concurrent Enrollment Courses Offered on the High School Campus										
Course No.	Course Title	Grade levels				NCAA	LAB	Prereq	Course length	Credit
		9	10	11	12					
1264251	ANT 1005 – BIOLOGICAL ANTHROPOLOGY (PPSC)			✓	✓			✓	Sem	1.50
1271712	CON 1057 – NATIONAL CENTER FOR CONSTRUCTION EDUCATION & RESEARCH CORE (PPSC)			✓	✓				Sem	1.00
1261221	ENG 1022 – ENGLISH COMPOSITION II (PPSC)		✓					✓	Sem	1.00
1271506	CRJ 1010 – CRIMINAL JUSTICE (PPSC)	✓	✓						Sem	1.00
1265051	ASL 1122 – AMERICAN SIGN LANGUAGE II (PPSC)				✓			✓	Sem	2.00
1271713	CON 1058 – NATIONAL CENTER FOR CONSTRUCTION EDUCATION & RESEARCH CARPENTRY I (PPSC)			✓	✓				Sem	1.00
1275194	EDU 2401 - TEACHING THE EXCEPTIONAL LEARNER (PPSC - TEACHER CADET PROGRAM)			✓	✓			✓	Sem	1.00
1262370	PSY 2441: CHILD DEVELOPMENT (PPSC – TEACHER CADET PROGRAM)			✓	✓			✓	Sem	1.00
9909461	INTERNSHIPS			✓	✓					

✓-denotes the grade level in which students typically take classes. Classes are decided on a case-by-case basis and students are not restricted from taking classes based on grade level.

*Students may take college courses on the PPSC campus that are not offered on the high school campus as long as the courses are in the students' career or academic pathway.

*PPSC = Pikes Peak State College / CSU-PUEBLO = Colorado State University

ENG 1021 – English Composition I (PPSC)
1261120 SCED 01001
Prerequisite: English Placement (EdReady, Accuplacer)
Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/argumentative writing.

HIS 1120 – The World: 1500 - Present (PPSC)
1260913 SCED 04053
Prerequisite: English Placement (EdReady, Accuplacer)
Explores trends within events, peoples, groups, ideas, and institutions in World History since 1500 as well as on common cultural trends. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through the perspectives such as gender, class, religion, and ethnicity.

MAT 1240 – Math for Liberal Arts (PPSC)
1262152 SCED 02002
Prerequisite: Math Placement (EdReady, Accuplacer)
Develops mathematical and problem-solving skills. Appropriate technological skills are included. Content is selected to highlight connections between mathematics and the society in which we live. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. Additional content will include one topic in geometry, numeration systems, decision theory, or management science.

ASL 1121 – American Sign Language (PPSC)
1265050 SCED 24852
Exposes the student to American Sign Language. Readiness activities are conducted focusing on visual/receptive skills and basic communication. Utilizes the direct experience method. Students must complete this course with a grade of B or higher or pass the ASL proficiency test with a score of at least 80% or better prior to registering for ASL 1122 if planning to enroll in the Interpreter Preparation Program.

GEO 1005 – World Regional Geography (PPSC)
1262371 SCED 04001
Prerequisites: English Placement (EdReady, Accuplacer)
Examines the spatial distribution of environmental and societal phenomena in the world's regions. Environmental phenomena includes topography, climate, and natural resources. Societal phenomena includes patterns of population and settlement, religion, ethnicity, language, and economic development. This course also analyzes the characteristics that define world regions and distinguishes them from each other. This course examines the relationships between physical environments and human societies, and examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions.

COM 1150 – Public Speaking (PPSC)
1271107 SCED 11003
Prerequisites: English Placement (EdReady, Accuplacer)
Combines the basic theory of speech communication with public speech performance skills. Emphasis is on speech delivery, preparation, organization, support, and audience analysis and delivery.

EDU 2211 - Foundations of Education (PPSC - Teacher Cadet Program)
1275193 SCED 19151
Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. This course includes current issues of education reform, technology as it relates to education and considerations related to becoming a teacher in the state of Colorado. The course addresses the educational theory and practices from Early Childhood Education (ECE) through secondary education.

EDU 2341 – Multi-Cultural Education (PPSC – Teacher Cadet Program)
1275193 SCED 19154
Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides opportunities to contextualize multicultural perspectives in society and their impact on the education system.

EDU 2611 – Teaching, Learning, & Technology (PPSC – Teacher Cadet Program
1275196 SCED 19154
Explores integration of technology instruction into teaching practices used in preschool through postsecondary (P-21) educational settings for all curriculum areas of content. This course reviews a variety of technologies with an emphasis on increasing student learning and retention of knowledge. The course also explores combining technology with several instructional methodologies to promote professional teacher dispositions related to technology-rich teaching.

EDU 1088: Practicum (PPSC – Teacher Cadet Program
1275195 SCED 22054
Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the education facility and with the direct guidance of the instructor.

ANT 1005: Biological Anthropology with Laboratory (PPSC)
1264251 SCED 04251
Prerequisite: Math Placement (EdReady, Accuplacer)
Focuses on the study of the human species and related organisms, and examines principles of genetics, evolution, anatomy, classification, and ecology, including a survey of human variation and adaptation, living primate biology and behavior, and primate and human fossil evolutionary history.

PSY 1001: Introduction to Psychology (PPSC)
1262361 SCED 04254
Prerequisite: English Placement (EdReady, Accuplacer)
Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory.

CON 1057 – National Center for Construction Education & Research CORE (PPSC)
1271712 SCED 17017
Introduces the fundamentals for all construction trades to include basic construction site safety, introduction to construction math, introduction to power tools, introduction to construction drawings, basic communication skills, basic employability skills, and introduction to material handling. This course is designed as an entry-level course for any of the building trades program specialties.

ENG 1022 – English Composition II (PPSC)
1261221 SCED 01002
Prerequisite: ENG 121 (Grade of C or higher)
Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or argumentative compositions.

CRJ 1010: Introduction to Criminal Justice (PPSC)
1271506 SCED 15051
Introduces the basic components of the criminal justice system in the United States. Concepts of crime, crime data, victimization, perspectives and views of crime, theory, and law are discussed. Particular attention to the criminal justice process, interaction and conflict between criminal justice agencies, and current criminal justice issues are examined.

ASL 1122 - American Sign Language II (PPSC)
1265051 SCED 06802
Prerequisite: ASL 1121
Develops a basic syntactic knowledge of American Sign Language (ASL), basic vocabulary, and basic conversational skills. Incorporates vital aspects of deaf culture and community. The direct experience method is used to enhance the learning process.

CON 1058 – National Center for Construction Education & Research Carpentry I (PPSC)
1271713 SCED 17017
Introduces foundational level carpentry skills, basic residential construction systems, the importance of personal and workplace safety, and the role of carpenters within the construction industry.

EDU 2401 – Teaching the Exceptional Learner (PPSC – Teacher Cadet Program)
1275194 SCED 19154
Prerequisite: Successful completion of Teacher Cadet Year 1
Corequisite: PSY 2441
Focuses on the individual differences and modifications that are necessary in the educational practices of the exceptional learner. Incorporates an additional 10-hour 0-credit, pre-professional, supervised, field based experience. Together with this experience, a portfolio and field experience reflective journal is required of all students.

PSY 2441 – Child Development (PPSC – Teacher Cadet Program)
1262370 SCED 04254
Corequisite: EDU 2401
Focuses on the growth and development of the individual, from conception through childhood, emphasizing physical, cognitive, emotional, and psychosocial factors.

Work Study
9909460
Work Study is provided for high school students with a desire to explore a career field that is in alignment with their ICAP. A portion of their school day will be spent working with an employer to gain valuable work experience prior to graduation. Students are granted release time from school to participate in part-time jobs where they utilize workforce readiness skills each semester (a maximum of two total elective credits toward graduation). Hour requirements are as follows to receive credit: Paid work = 60 hours for a half credit or 120 hours for one credit (maximum one credit per semester). Documentation of hours worked and employment status are required monthly and communicated with the Career-Connected Learning Coordinator.

Internships
9909461 SCED 22998
Student may apply for internships with industry partners and schedule open blocks (mornings 1&2, 5&6; afternoons 3&4, 7&8) for this experiential learning for electives credit. 60 hours = .5 credit, 120 hours = 1 credit; students may earn up to 1.0 credits/semester.

FOUR-YEAR GRADUATION PLAN

Grade 9 Courses		Credit
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
	Cumulative Total	

College-bound recommendations

English: 4 credits

Social Studies: 3 credits

Mathematics: 3 credits

Science: 3 credits

World Language: 1 credit

Physical Education: 0.5 credits

Health:0.5 credits

Electives: 8 credits

Grade 10 Courses		Credit
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
	Cumulative Total	

Grade 11 Courses		Credit
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
	Cumulative Total	

Each class on a line counts as 0.5 credits.

Students may earn up to 7 credits in one year.

A&B classes for the same course should appear in the same year

A sample follows

Grade 12 Courses		Credit
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
	Cumulative Total	

FOUR-YEAR GRADUATION PLAN – EXAMPLE

	Grade 9 Courses	Credit
1	English I Semester 1	0.5
2	English I Semester 2	0.5
3	Economics Semester 1	0.5
4	Psychology Semester 1	0.5
5	Algebra I Semester 1	0.5
6	Algebra I Semester 2	0.5
7	Earth Science Semester 1	0.5
8	Earth Science Semester 2	0.5
9	Spanish I Semester 1	0.5
10	Spanish I Semester 2	0.5
11	Health Semester 2	0.5
12	PE Semester 1	0.5
13	Elective	0.5
14	Elective	0.5
15		
16		
	Cumulative Total	7.0

College-bound recommendations

English: 4 credits

Social Studies: 3 credits

Mathematics: 3 credits

Science: 3 credits

World Language: 1 credit

Physical Education: 0.5 credits

Health:0.5 credits

Electives: 8 credits

	Grade 10 Courses	Credit
1	English II Semester 1	0.5
2	English II Semester 2	0.5
3	World History Semester 1	0.5
4	World History Semester 2	0.5
5	Geometry Semester 1	0.5
6	Geometry Semester 2	0.5
7	Biology Semester 1	0.5
8	Biology Semester 2	0.5
9	Spanish II Semester 1	0.5
10	Spanish II Semester 2	0.5
11	PE II Semester 1	0.5
12	Advanced Theatre	0.5
13	Elective	0.5
14	Elective	0.5
15		
16		
	Cumulative Total	**14.0**

	Grade 11 Courses	Credit
1	English III Semester 1	0.5
2	English III Semester 2	0.5
3	Algebra II Semester 1	0.5
4	Algebra II Semester 2	0.5
5	AP U.S. History Semester1	0.5
6	AP U.S History Semester 2	0.5
7	Chemistry Semester 1	0.5
8	Chemistry Semester 2	0.5
9	Government Semester 1	0.5
10	Spanish 3 Semester 1	0.5
11	Spanish 3 Semester 2	0.5
12	Elective	0.5
13	Elective	0.5
14	English III Semester 1	0.5
15		
16		
	Cumulative Total	21

This schedule assumes that the students used no free periods.

This schedule also assumes the student wanted AP Classes for college credit.

Classes taken beyond core requirements count toward elective credits.

EXAMPLE

	Grade 12 Courses	Credit
1	English IV Semester 1	0.5
2	English IV Semester 2	0.5
3	AP Statistics Semester 1	0.5
4	AP Statistics Semester 2	0.5
5	Weights and Cond. Semester 1	0.5
6	AP Psychology Semester 1	0.5
7	AP Psychology Semester 2	0.5
8	Physics Semester 1	0.5
9	Physics Semester 2	0.5
10	AP Spanish Lang Sem 1	0.5
11	AP Spanish Lang Sem 2	0.5
12	Elective	0.5
13	Elective	0.5
14		
15		
	Cumulative Total	27.5

DISTRICT TWO HARRISON SCHOOLS

Work-Based Learning Experience Agreement

This agreement is established between Harrison School District 2 and

Student: _____with permission from

Parent/Guardian: _____and

Company/Organization: _____

Work-based learning in HSD2 provides students with opportunities to gain work experience, explore career options, and receive education through the workplace. The portion of the program during which a student is working is referred to as the Work-Based Learning Experience (the "WBL Experience"). Students will be held accountable to monthly reflections based on completed tasks and a summary of what they learned. Upon receiving feedback from the Career-Connected Learning Coordinator and making any necessary revisions, reflections will be added to portfolio work in Xello.

These programs are educational and school credit is earned for the hours a student works for an employer or organization. Credit is earned based on whether the experience is paid or unpaid.

- In a WBL Experience, sixty (60) hours is equal to half (.5) a credit.
- Seniors and Juniors may earn up to 1.0 credits / semester.
- Freshmen and Sophomores are eligible to earn .5 credit each semester.

This Agreement is made by and between the HSD2, the above-named student, the Student's Parent(s)/Guardian(s), and the WBL Experience Employer/Mentor.

Work-Based Learning Experience Information:

Business name and address where Student will be working:

_____

_____

Student's WBL Experience Supervisor's name: _____

Phone No:_____ E-mail Address: _____

This WBL Experience is: Paid ☐ Unpaid ☐

Student Signature _____ Date _____

Parent/Guardian Signature _____ Date_____

Business (WBL) Supervisor Signature _____ Date_____

Every student of the District shall have equal opportunities through programs offered in the District regardless of race, color, ancestry, creed, sex, sexual orientation, religion, national origin, marital status, disability, or need for special education service.

(Equal Educational Opportunities –JB)

If you have questions or concerns regarding the non-discrimination policies, please contact

Aisha Matthews, Human Resources Manager

1060 Harrison Road, Colorado Springs CO 80905 / 719-579-2022 / amatthews@hsd2.org

APPENDIX B

NCAA TRACKING FORMS

DIVISION I WORKSHEET

This worksheet is provided to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The NCAA Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of NCAA-approved core courses for the classes you have taken or plan to take.

Use the following scale: A = 4 quality points; B = 3 quality points; C = 2 quality points; D = 1 quality point.

ENGLISH (4 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
✓	Example: English 9	.50		A		(.5 x 4) = 2
	TOTAL ENGLISH UNITS					TOTAL QUALITY POINTS
MATHEMATICS (3 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
✓	Example: Algebra I	1.0		B		(1.0 x 3) = 3
	TOTAL MATHEMATICS UNITS					TOTAL QUALITY POINTS
NATURAL/PHYSICAL SCIENCE (2 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
	TOTAL NATURAL/PHYSICAL SCIENCE UNITS					TOTAL QUALITY POINTS
ADDITIONAL YEAR IN ENGLISH, MATHEMATICS OR NATURAL/PHYSICAL SCIENCE (1 YEAR REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
	TOTAL ADDITIONAL UNITS					TOTAL QUALITY POINTS
SOCIAL SCIENCE (2 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
	TOTAL SOCIAL SCIENCE UNITS					TOTAL QUALITY POINTS
ADDITIONAL ACADEMIC COURSES (4 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
	TOTAL ADDITIONAL ACADEMIC UNITS					TOTAL QUALITY POINTS

	TOTAL QUALITY POINTS FROM EACH SUBJECT AREA / TOTAL CREDITS = CORE-COURSE GPA		/		=	
		Quality Points	/	Credits	=	Core-Course GPA

Sixteen core courses are required for your core-course GPA. Ten core courses must be completed before the seventh semester; seven of the 10 must be a combination of English, math or natural or physical science.

APPENDIX B

NCAA TRACKING FORMS

DIVISION II WORKSHEET

This worksheet is provided to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The NCAA Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of NCAA-approved core courses for the classes you have taken or plan to take.

Use the following scale: A = 4 quality points; B = 3 quality points; C = 2 quality points; D = 1 quality point.

ENGLISH (3 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
Example: English 9	.50		A		(.5 x 4) = 2
TOTAL ENGLISH UNITS					TOTAL QUALITY POINTS
MATHEMATICS (2 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
Example: Algebra I	1.0		B		(1.0 x 3) = 3
TOTAL MATHEMATICS UNITS					TOTAL QUALITY POINTS
NATURAL/PHYSICAL SCIENCE (2 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
TOTAL NATURAL/PHYSICAL SCIENCE UNITS					TOTAL QUALITY POINTS
ADDITIONAL YEARS IN ENGLISH, MATHEMATICS OR NATURAL/PHYSICAL SCIENCE (3 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
TOTAL ADDITIONAL UNITS					TOTAL QUALITY POINTS
SOCIAL SCIENCE (2 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
TOTAL SOCIAL SCIENCE UNITS					TOTAL QUALITY POINTS
ADDITIONAL ACADEMIC COURSES (4 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
TOTAL ADDITIONAL ACADEMIC UNITS					TOTAL QUALITY POINTS

TOTAL QUALITY POINTS FROM EACH SUBJECT AREA / TOTAL CREDITS = CORE-COURSE GPA		/		=	
	QUALITY POINTS	/	CREDITS	=	CORE-COURSE GPA

Colorado Courseware Courses

Math

AP® Calculus A/B

AP® Calculus grounds the study of calculus in real-world scenarios and integrates it with the four STEM disciplines. The first semester covers functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and antidifferentiation, applications of integration, inverse functions, and techniques of integration.
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AP® Statistics (Apex)

AP® Statistics is a two-semester course that gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP® Statistics prepares students for the AP® exam and for further study in science, sociology, medicine, engineering, political science, geography, or business.
This course has been authorized by the College Board® to use the AP® designation.
*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.
This updated course was originally created for Apex Courses and is now available in Courseware.

Accelerate to Algebra 1

Accelerate to Algebra 1 is a short course designed to prepare students for success in Algebra 1. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Algebra 2

Accelerate to Algebra 2 is a short course designed to prepare students for success in Algebra 2. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Colorado Algebra 1

Accelerate to Colorado Algebra 1 is a short course designed to prepare students for success in Algebra 1 aligned to Colorado Academic Standards. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Colorado Algebra 2

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Accelerate to Colorado Algebra 2 is a short course designed to prepare students for success in Algebra 2 aligned to Colorado Academic Standards. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Colorado Geometry
Accelerate to Colorado Geometry is a short course designed to prepare students for success in Geometry aligned to Colorado Academic Standards. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques to rewrite and solve expressions and equations. Students will also explore simple probability and revisit fundamental geometric relationships.

Accelerate to Geometry
Accelerate to Geometry is a short course designed to prepare students for success in Geometry. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques to rewrite and solve expressions and equations. Students will also explore simple probability and revisit fundamental geometric relationships.

Algebra 1 A/B
Algebra 1 v7.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for students.
Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial.
The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. This fresh new look and feel for the course was inspired by educator feedback.
Educators were also involved in the course at the design-level, as many unit activities, worksheets, and video scripts were written by current algebra classroom teachers. Algebra 1 v7.0 reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Algebra 2 A/B
Algebra 2 v7.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator

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feedback. Algebra 2 v7.0 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Algebra I (Apex)
Algebra I builds students' command of linear, quadratic, and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include problem solving with basic equations and formulas; an introduction to functions and problem solving; linear equations and systems of linear equations; exponents and exponential functions; sequences and functions; descriptive statistics; polynomials and factoring; quadratic equations and functions; and function transformations and inverses. This course supports students as they develop computational fluency, deepen conceptual understanding, and apply mathematical knowledge. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment.

A range of activities allow students to think mathematically in a variety of scenarios and tasks. In discussion activities, students exchange and explain their mathematical ideas. Modeling activities ask them to analyze real-world scenarios and mathematical concepts. Journaling activities have students reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. And in performance tasks, students synthesize their knowledge in novel, real-world scenarios, make sense of multifaceted problems, and persevere in solving them. This course is built to state standards. Throughout the course, students are evaluated by a variety of assessments designed to prepare them for the content, form, and depth of state exams.

There are no required or optional materials.
This updated course was originally created for Apex Courses and is now available in Courseware.

Algebra II (Apex)
Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define those functions. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include quadratic equations and functions; polynomial functions; rational expressions and functions; radical expressions and functions; exponential and logarithmic functions; trigonometric functions; modeling with functions; probability and inferential statistics; probability distributions; and sampling distributions and confidence intervals.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

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Colorado Algebra 1 A/B
Colorado Algebra 1 is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. This fresh new look and feel for the course was inspired by educator feedback. Educators were also involved in the course at the design-level, as many unit activities, worksheets, and video scripts were written by current algebra classroom teachers. Colorado Algebra 1 reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Colorado Algebra 2 A/B
Colorado Algebra 2 is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Colorado Algebra 2 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Colorado Geometry A/B
Colorado Geometry is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering a focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforced connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback Colorado Geometry reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Colorado Integrated Math I A/B

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edmentum.com
800.447.5286
info@edmentum.com

Colorado Integrated Math I is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Colorado Integrated Math I reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Colorado Integrated Math II A/B
Colorado Integrated Math II is a completely re-designed course that offers alignment to the Colorado Academic Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Colorado Integrated Math II reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Colorado Integrated Math III A/B
Colorado Integrated Math III is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Colorado Integrated Math III reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Consumer Mathematics

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edmentum.com
800.447.5286
info@edmentum.com

This course explains how four basic mathematical operations – addition, subtraction, multiplication, and division – can be used to solve real-life problems. It addresses practical applications for math, such as wages, taxes, money management, and interest and credit. Projects for the Real World activities are included that promote cross-curricular learning and higher-order thinking and problem-solving skills.

Financial Mathematics A/B
Financial Algebra is designed to instruct students in algebraic thinking while also preparing them to navigate a number of financial applications. Students will explore how algebraic knowledge is connected to many financial situations, including investing, using credit, paying taxes, and shopping for insurance. In studying these topics, students will learn about the linear, exponential, and quadratic relationships that apply to financial applications. In addition, the course will help prepare students to tackle the wide variety of financial decisions they will face in life, from setting up their first budget to planning for retirement.

Fundamental Math (Apex)
Fundamental Math explores foundational concepts in math. Students master basic skills and extend their knowledge as they prepare for more advanced work. Topics include basic number concepts such as whole numbers, counting, place value, rounding, exponents, and negative numbers; addition and subtraction; and multiplication and division. The course also covers fractions, operations with fractions, decimals, percents, ratios, problem solving, basic concepts in geometry, and measuring shapes.

This course is built to National Council of Teachers of Mathematics (NCTM) standards and is aligned to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Geometry (Apex)
Geometry builds upon students' command of geometric relationships and formulating mathematical arguments. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include reasoning, proofs, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.
This updated course was originally created for Apex Courses and is now available in Courseware.

Geometry A/B
Geometry v6.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering a focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforced connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their

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understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Geometry v6.0 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Introductory Algebra (Apex)
Introductory Algebra provides a curriculum focused on foundational concepts that prepare students for success in Algebra I. Through a "Discovery-Confirmation-Practice"-based exploration of basic concepts, students are challenged to work toward a mastery of computational skills, to deepen their understanding of key ideas and solution strategies, and to extend their knowledge through a variety of problem-solving applications.

Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step equations; and linear equations.

Within each lesson, students are supplied with a scaffolded note-taking guide, called a study sheet, as well as a post-study checkup activity that provides them the opportunity to hone their computational skills by working through a low-stakes, 10-question problem set before starting formal assessment. Unit-level assessments include a computer-scored test and a scaffolded, teacher-scored test.

This course is built to state standards and informed by the National Council of Teachers of Mathematics (NCTM).
This updated course was originally created for Apex Courses and is now available in Courseware.

Math 6 (Apex)
Math 6 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. Course topics include ratios and rates, fraction and decimal operations, and signed numbers. Students continue to build their algebra skills by plotting points in all four quadrants of the coordinate plane and solving equations and inequalities. Geometry topics include area, surface area, and volume, and statistical work features measures of center and variability, box plots, dot plots, and histograms.
The two-semester course is arranged in themed units, each with three to five lessons. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Common Core State Standards and demonstrate their learning through computer- and teacher-scored assignments. By constantly honing the ability to apply their knowledge in abstract and real-world scenarios, students build the depth of knowledge and higher-order skills required to demonstrate their mastery when put to the test.
This updated course was originally created for Apex Courses and is now available in Courseware.

Math 7 (Apex)
Math 7 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. Throughout the course, students gain a deep understanding of proportions and their use in solving problems. They extend their fluency with operations on rational numbers and translate among different forms of rational numbers. Algebra topics include simplifying and rewriting

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algebraic expressions and solving more complex equations and inequalities. Students also sketch geometric figures and explore scale drawings, investigate circle properties and angle relationships, and deepen their understanding of area, volume, and surface area. They see how statistics uses sample data to make predictions about populations and compare data from different data sets. Students gain a fundamental understanding of probability and explore different ways to find or estimate probabilities.
The two-semester course is arranged in themed units, each with three to five lessons. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Common Core State Standards and demonstrate their learning through computer- and teacher-scored assignments. By constantly honing the ability to apply their knowledge in abstract and real-world scenarios, students build the depth of knowledge and higher-order skills required to demonstrate their mastery when put to the test.
This updated course was originally created for Apex Courses and is now available in Courseware.

Math 8 (Apex)
Math 8 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. In this course, students focus on understanding functions — what they are, how to represent them in different ways, and how to write them to model mathematical and real-world situations. In particular, students investigate linear functions by learning about slope and slope-intercept form. Students' understanding of linear functions is extended to statistics, where they make scatter plots and use linear functions to model data. They solve linear equations and equations involving roots and explore systems of linear equations. Additional topics include exponents, powers of ten, scientific notation, and irrational numbers. Students learn about transformations and extend that understanding to an investigation of congruence and similarity. Other geometric concepts explored include the Pythagorean theorem, angle relationships, and volumes of cylinders, cones, and spheres.
The two-semester course is arranged in themed units, each with three to five lessons. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Common Core State Standards and demonstrate their learning through computer- and teacher-scored assignments. By constantly honing the ability to apply their knowledge in abstract and real-world scenarios, students build the depth of knowledge and higher-order skills required to demonstrate their mastery when put to the test.
This updated course was originally created for Apex Courses and is now available in Courseware.

Math Foundations 1 (Apex)
Math Foundations 1 offers a structured remediation solution based on the NCTM Curricular Focal Points and is designed to expedite student progress in acquiring 3rd- to 5th-grade skills. The course is appropriate for use as remediation for students in grades 6 to 12. When used in combination, Math Foundations 1 and Math Foundations 2 (covering grades 6 to 8) effectively remediate computational skills and conceptual understanding needed to undertake high school–level math courses with confidence.

Math Foundations 1 empowers students to progress at their optimum pace through over 80 semester hours of interactive instruction and assessment spanning 3rd- to 5th-grade math skills. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts.

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This course is built to state standards and informed by the National Council of Teachers of Mathematics (NCTM) standards and Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence. *This updated course was originally created for Apex Courses and is now available in Courseware.*

Math Foundations 2 (Apex)
Based on the NCTM's Curricular Focal Points, Math Foundations 2 is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to undertake high school–level math courses with confidence.

The course's carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts.

This course is built to state standards and informed by the National Council of Teachers of Mathematics (NCTM) standards and Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence. *This updated course was originally created for Apex Courses and is now available in Courseware.*

Mathematics 1 A/B
Mathematics I is a completely re-designed course that offers 100% alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Mathematics I reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Mathematics 2 A/B
Mathematics II is a completely re-designed course that offers alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and

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articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Mathematics II reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Mathematics 3 A/B
Mathematics III is a completely re-designed course that offers 100% alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Mathematics III reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Mathematics I (Apex)
Mathematics I builds students' command of geometric knowledge and linear and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proofs, and constructions; and connecting algebra and geometry through coordinates.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Mathematics II (Apex)
Mathematics II extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationships among these and their linear and exponential counterparts. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include extending the number system; quadratic functions and modeling; expressions and equations; applications of probability; similarity, right-triangle trigonometry, and proofs; and circles with and without coordinates.

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This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Mathematics III (Apex)
Mathematics III incorporates advanced functions, trigonometry, and probability and statistics as students synthesize their prior knowledge and solve increasingly challenging problems. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include formulating inferences and conclusions from data; polynomial, rational, and radical relationships; trigonometry of general triangles and trigonometric functions; and mathematical modeling. This course supports all students as they simultaneously develop computational fluency, deepen conceptual understanding, and apply mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of state assessments.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Mathematics of Personal Finance (Apex)
Mathematics of Personal Finance focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra I and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning.
Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems). To assist students for whom language presents a barrier to learning or who are not reading at grade level, Mathematics of Personal Finance includes audio resources in both Spanish and English.
This course is built to state standards as they apply to mathematics of personal finance and adheres to the National Council of Teachers of Mathematics' (NCTM) problem solving, communication, reasoning, and mathematical connections process standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Precalculus (Apex)
Precalculus combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent

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math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.
Within each lesson, students are supplied with a post-study checkup activity that provides them the opportunity to hone their computational skills by working through a low-stakes problem set before moving on to formal assessment. Unit-level assessments include a computer-scored test and a scaffolded, teacher-scored test.
The course is built to state standards and the National Council of Teachers of Mathematics (NCTM) standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Precalculus A/B
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.

Probability & Statistics
This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.

Probability and Statistics (Apex)
Probability and Statistics provides a curriculum focused on understanding key data analysis and probabilistic concepts, calculations, and relevance to real-world applications. Students are challenged to work toward mastery of computational skills, apply calculators and other technology in data analysis, deepen their understanding of key ideas and solution strategies, and extend their knowledge through a variety of problem-solving applications.
Course topics include types of data, common methods used to collect data, and representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of extending results, involving samples and populations, distributions, summary statistics, experimental design, regression analysis, simulations, and confidence intervals.
Ideas involving probability — including sample space, empirical and theoretical probability, expected value, and independent and compound events — are covered as students explore the relationship between probability and data analysis.
Projects allow for more open-ended, extended applications of concepts and skills. Students collect and analyze statistical data about a topic that interests them, and they apply probability concepts in a real-world context.
The content is based on the Common Core standards and is aligned with state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

English Language Arts

AP® English Language and Composition A/B
In AP® English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP® exam and for further study in communications, creative writing, journalism, literature, and composition.

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Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP® Exam.
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AP® English Literature and Composition A/B
Each unit of AP® English Literature and Composition is based on a researched scope and sequence that covers the essential concepts of literature at an AP level. Students engage in in-depth analysis of literary works in order to provide both depth and breadth of coverage of the readings. Units include Close Analysis and Interpretation of Fiction, Short Fiction, the Novel, and Poetic Form and Content. Writing activities reinforce the reading activities and include writing arguments, analysis, interpretation, evaluation, and college application essays.
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Accelerate to Colorado English 09
Accelerate to Colorado English 09 is a short course designed to prepare students for success in English 09 aligned to Colorado Academic Standards. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to Colorado English 10
Accelerate to Colorado English 10 is a short course designed to prepare students for success in English 10 aligned to Colorado Academic Standards. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, persuasive techniques, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to Colorado English 11
Accelerate to Colorado English 11 is a short course designed to prepare students for success in English 11 aligned to Colorado Academic Standards. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will read literary and informational texts to analyze how authors use various structures, elements, and techniques to create effects. Students will also use close reading strategies to interpret texts and inform your writing.

Accelerate to Colorado English 12
Accelerate to Colorado English 12 is a short course designed to prepare students for success in English 12 aligned to Colorado Academic Standards. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also compose brief analyses to demonstrate your understanding of the historical and cultural perspectives in these texts.

Accelerate to English 09

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Accelerate to English 09 is a short course designed to prepare students for success in English 09. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to English 10
Accelerate to English 10 is a short course designed to prepare students for success in English 10. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, persuasive techniques, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to English 11
Accelerate to English 11 is a short course designed to prepare students for success in English 11. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will read literary and informational texts to analyze how authors use various structures, elements, and techniques to create effects. Students will also use close reading strategies to interpret texts and inform your writing.

Accelerate to English 12
Accelerate to English 12 is a short course designed to prepare students for success in English 12. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also compose brief analyses to demonstrate your understanding of the historical and cultural perspectives in these texts.

Business English A/B
Business English is designed to strengthen students' ability to read and write in the workplace. Writing for business purposes is a main focus of the course. Students will learn how to communicate effectively through email and instant messaging, as well as format specific types of business messages and workplace documents. The role of digital media, visuals, and graphics in workplace communication will be explored. The importance of professionalism, ethics, and other positive skills are also emphasized in the course. Additionally, guidance is provided to help students through the process of searching, applying, and interviewing for a job.

Colorado English 09 A/B
Colorado English 9 v2.0 is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards in Reading, Writing and Communicating. In addition to an emphasis on alignment, the redesigned lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times going deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier-one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure. Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

Colorado English 10 A/B

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edmentum.com
800.447.5286
info@edmentum.com

Colorado English 10 A/B is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for English Language Arts. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. This new design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. This fresh new look and feel for the course was inspired by educator feedback. Colorado English 10 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Colorado English 11 A/B

Colorado English 11 A/B is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for English Language Arts. Semester A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. Semester B 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.

Colorado English 12 A/B

Colorado English 12 A/B is a completely re-designed course that offers 100% alignment to the Colorado Academic Standards for English Language Arts. In keeping with the model established in Colorado English 11, these courses emphasize the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain in semester A. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. End of unit tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master.

English 06 A/B

English 6 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.

The two-semester course is arranged in units that each center on a set of skills or a broad topic. Each unit has four lessons: three instructional lessons and one lesson of assessment. The instructional lessons include a variety of activities, such as direct instruction, assignments, discussions, and both formative and summative assessments. The assessment lesson presents the unit test after giving students a chance to review. Throughout

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the course, students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Common Core State Standards and demonstrate their learning through computer- and teacher-scored applications.
This updated course was originally created for Apex Courses and is now available in Courseware.

English 07 A/B
English 7 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.
The two-semester course is arranged in units that each center on a set of skills or a broad topic. Each unit has four lessons: three instructional lessons and one lesson of assessment. The instructional lessons include a variety of activities, such as direct instruction, assignments, discussions, and both formative and summative assessments. The assessment lesson presents the unit test after giving students a chance to review. Throughout the course, students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Common Core State Standards and demonstrate their learning through computer- and teacher-scored applications.
This updated course was originally created for Apex Courses and is now available in Courseware.

English 08 A/B
English 8 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.
The two-semester course is arranged in units that each center on a set of skills or a broad topic. Each unit has four lessons: three instructional lessons and one lesson of assessment. The instructional lessons include a variety of activities, such as direct instruction, assignments, discussions, and both formative and summative assessments. The assessment lesson presents the unit test after giving students a chance to review. Throughout the course, students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Common Core State Standards and demonstrate their learning through computer- and teacher-scored applications.
This updated course was originally created for Apex Courses and is now available in Courseware.

English 09 A/B
English 09 v7.0 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to an emphasis on alignment, the redesigned lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times going deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier-one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure.

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Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

English 10 (Apex)
The focus of the English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these applications.

English 10 follows the model of English 9 by including at least one anchor text per lesson, but the essays, articles, stories, poems, and speeches are often presented as models for students to emulate as they practice their own writing. So that these readings may serve as proper examples for students, a high proportion of texts for this course are original pieces.

English 10 also continues to develop students' reading, listening, and speaking skills. Readings include poems, stories, speeches, plays, and a graphic novel, as well as a variety of informational texts. The readings represent a wide variety of purposes and cultural perspectives, ranging from the Indian epic the Ramayana to accounts of Hurricane Katrina told through different media. Audio and video presentations enhance students' awareness and command of rhetorical techniques and increase their understanding of writing for a variety of audiences.
This updated course was originally created for Apex Courses and is now available in Courseware.

English 10 A/B
English 10 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. This new design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. This fresh new look and feel for the course was inspired by educator feedback. English 10 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

English 11 (Apex)
In the English 11 course, students examine the belief systems, events, and literature that have shaped the United States. They begin by studying the language of independence and the system of government developed by Thomas Jefferson and other enlightened thinkers. Next, they explore how the Romantics and Transcendentalists emphasized the power and responsibility of the individual in both supporting and questioning

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the government. Students consider whether the American Dream is still achievable and examine the Modernists' disillusionment with the idea that America is a "land of opportunity."

Reading the words of Frederick Douglass and the text of the Civil Rights Act, students look carefully at the experience of African Americans and their struggle to achieve equal rights. Students explore how individuals cope with the influence of war and cultural tensions while trying to build and secure their own personal identity. Finally, students examine how technology is affecting our contemporary experience of freedom: Will we eventually change our beliefs about what it means to be an independent human being?

In this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and prepare speeches. Overall, students gain an understanding of the way American literature represents the array of voices contributing to our multicultural identity.
This updated course was originally created for Apex Courses and is now available in Courseware.

English 11 A/B
English 11A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. English 11B 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.

English 12 (Apex)
The English 12 course asks students to closely analyze world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems The Odyssey, Beowulf, and The Inferno, in Shakespeare's The Tempest, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of heroism and monstrosity have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all.

Reading Frankenstein and works from those who experienced the imperialism of the British Empire, students explore the notion of inner monstrosity and consider how the dominant culture can be seen as monstrous in its ostensibly heroic goal of enlightening the world.

Throughout this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and prepare speeches. Overall, students gain an understanding of the way world literature represents the array of voices that contribute to our global identity.
This updated course was originally created for Apex Courses and is now available in Courseware.

English 12 A/B
In keeping with the model established in English 11, these courses emphasize the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. End of unit tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master.

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English 9 (Apex)
English 9 introduces students to informational and literary genres. Students investigate the elements of nonfiction and literature through the critical analysis of texts that range from essays, speeches, articles and historical documents to a novel, a play, poetry, and short stories. The range of texts includes canonical authors such as William Shakespeare, Franz Kafka, and Elie Wiesel, as well as writers from diverse backgrounds, such as Alice Walker, Li-Young Lee, and Robert Lake-Thom (Medicine Grizzlybear).

As they develop their writing skills and respond to theses, students learn to formulate arguments and use textual evidence to support their position. Throughout the course, students learn to engage with a variety of media types through which they process and synthesize information, discuss material, create presentations, and share their work.

English 9 supports all students in developing the depth of understanding and higher-order skills required by the state standards. Students break down increasingly complex readings with close reading tools, guided instruction, and robust scaffolding as they apply each of the lesson's concepts back to its anchor text. Students build their writing and speaking skills in journal responses, discussions, frequent free-response exercises, and essays or presentations, learning to communicate clearly and credibly in narrative, persuasive, and explanatory styles. Throughout the course, students are evaluated through a diversity of assessments designed to prepare them for the content, form, and depth of state exams.

The first semester of English 9 can be paired with one of two second semesters that each employ a different example of a full-length Shakespeare play. One option includes "Macbeth," and the alternative option includes "Romeo and Juliet."

This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

English Foundations I (Apex)
English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling.

Semester A provides instruction in basic reading skills and vocabulary building. The student learns what a successful reader does to attack words and sentences and make meaning from them. Semester B provides instruction in basic writing skills, introduces academic tools, and demonstrates effective study skills. The student learns step-by-step processes for building effective paragraphs and learns how to use academic tools such as reference books and outlines. To provide additional support, the course uses text features and visual clues to draw students' attention to important information. The use of text features is also designed to help students internalize strategies for comprehending informational text.

Characters appear throughout the instruction to offer tips and fix-up strategies in an authentic, first-person, think-aloud format. Their inclusion makes transparent the reading processes that go on inside the mind of a successful reader. This extra metacognitive support serves to bolster student confidence and provide a model of process and perseverance.

Numerous practice opportunities are provided in the form of assessments that move from no stakes to low stakes to high stakes throughout a unit. This practice is centered on authentic and age-appropriate passages

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that are written in a topical framework and use controlled syntax and vocabulary. The difficulty of these passages gradually increases from a 3rd- to 5th-grade reading level over the duration of the course. Additional support is offered through significant formative feedback in practice and assessment.

This course guides students through the reading, writing, and basic academic skills needed to prepare for success in academic coursework. At the end of the course, the student should be poised for continued success in the academic world. The content is based on extensive national and state standards research and consultation with reading specialists and classroom teachers. This course is built to state standards for reading and writing and informed by NCTE/IRA reading and writing standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

English Foundations II (Apex)
English Foundations II offers a year of skill building and strategy development in reading and writing. Semester A is a reading program designed to help struggling readers develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy. Semester B is a writing program that builds confidence in composition fundamentals by focusing on the areas of composing, grammar, style, and media literacy. Each semester is composed of 10 mini-units, which offer interactive instruction and guided practice in each of the four learning strands. Students read for a variety of purposes and write for a variety of audiences. The workshops stress high interest, engaging use of technology, relevant topics, and robustly scaffolded practice. Students learn to use different types of graphic organizers as they develop and internalize reading and writing process strategies. They build confidence as they develop skills and experience success on numerous low-stakes assessments that encourage growth and reinforce learning.

The reading component of the course is built to state standards and informed by the National Council of Teachers of English (NCTE), International Reading Association (IRA), National Reading Program (NRP), and McREL standards. The writing component of the course is built to state standards and informed by the National Council of Teachers of English (NCTE) standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Media Literacy (Apex)
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.

This course is built to state standards and informed by The National Association for Media Literacy Education's Core Principles of Media Literacy Education.
This updated course was originally created for Apex Courses and is now available in Courseware.

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Science

AP® Biology A/B

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.
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AP® Chemistry A/B

AP® Chemistry includes most of the 22 laboratory experiments recommended by the College Board to provide a complete advanced experience in a blended environment. More than 25 percent of the online lesson modules are inquiry-based and employ online simulations, data-based analysis, online data-based tools, and —kitchen sink labs that require no specialized equipment or supervision. Many of the lessons include significant practice in stoichiometry and other critical, advanced chemistry skills.
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AP® Environmental Science A/B

AP® Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. The equivalent of an introductory college-level science course, AP® Environmental Science prepares students for the AP® exam and for further study in science, health sciences, or engineering. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Frequent no- and low-stakes assessments allow students to measure their comprehension and improve their performance as they progress through each activity.
Students also perform hands-on labs and projects that give them insight into the nature of science and help them understand environmental concepts, as well as how evidence can be obtained to support those concepts.
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Biology (Apex)

Biology focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment. The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses,

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and use logic and evidence to draw conclusions about the concepts. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science.

This course is built to state standards and informed by the Next Generation Science Standards (NGSS).

This updated course was originally created for Apex Courses and is now available in Courseware.

Biology A/B
This inquiry- and 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 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. A few labs require specialized scientific equipment or materials, such as a microscope, slides, or biological samples. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward’s Science. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Biology with Virtual Labs A/B
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—such as paper and a pencil—if they choose.

Chemistry (Apex)
Chemistry offers a curriculum that emphasizes students' understanding of fundamental chemistry concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology. The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about concepts. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Throughout this course, students are given an opportunity to understand how chemistry concepts are applied in technology and engineering. Journal and practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Chemistry A/B

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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. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, test tubes, and chemical reagents. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Earth Science (Apex)
Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles and concepts that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. Optional teacher-scored labs and projects encourage students to apply the scientific method. This course is built to state standards and informed by the National Science Teachers Association (NSTA).
This updated course was originally created for Apex Courses and is now available in Courseware.

Environmental Science (Apex)
Environmental Science explores the biological, physical, and sociological principles related to the environment in which organisms live on Earth: the biosphere. Course topics include natural systems on Earth, biogeochemical cycles, the nature of matter and energy, the flow of matter and energy through living systems, populations, communities, ecosystems, ecological pyramids, renewable and nonrenewable natural resources, land use, biodiversity, pollution, conservation, sustainability, and human impacts on the environment.
The course provides students with opportunities to learn and practice scientific skills within the context of relevant scientific questions. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Case studies of current environmental challenges introduce each content lesson and acquaint students with real-life environmental issues, debates, and solutions. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Virtual labs enable students to engage in investigations that would otherwise require long periods of observation at remote locations and to explore simulations that enable environmental scientists to test predictions. Throughout this course, students are given an opportunity to understand how biology, earth science, and physical science are applied to the study of the environment and how technology and engineering are contributing solutions for studying and creating a sustainable biosphere.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

High School Earth & Space Science A/B
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

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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 (2006, p. 3).Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, and a water testing kit. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward’s Science. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Integrated Physics & Chemistry A/B
The lessons in this course employ direct-instruction approaches. They include application and Inquiry-oriented activities that facilitate the development of higher-order cognitive skills, such as logical reasoning, sense-making, and problem solving.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.

Middle School Earth and Space Science A/B
Middle School Earth and Space Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including Earth's systems, engineering design, the nature of the universe, and the interaction between humans and the environment.The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Middle School Life Science A/B
Middle School Life Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the relationship between structure and function, the flow of energy and matter through living systems, heredity, and the diversity of life. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Middle School Physical Science A/B
Middle School Physical Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the interactions of matter; motion and stability; waves and their technological applications; and energy.

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The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Physical Science (Apex)
Physical Science offers a focused curriculum designed around the understanding of foundational physical science concepts, including the nature of matter, energy, and forces, as well as the application of scientific and engineering practices.
Course topics include energy, forces, electromagnetism, waves, matter, chemical reactions, and nuclear reactions. Teacher-scored labs encourage students to apply the scientific method.
Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.
A variety of activities encourage students to think scientifically. Labs and projects reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering. Virtual labs allow students to engage in investigations that would otherwise require long periods of observation at remote locations and to explore simulations that scientists use to test predictions. In discussion activities, students compare their lab results and exchange ideas about their investigations. Practice and explore activities provide additional opportunities for students to apply learned concepts and practice their writing and scientific reasoning skills.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Physical Science A/B
This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school physical science. Content topics include structure and properties of matter, chemical reactions, forces and motion, force fields, energy, and waves. 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). (Credit Recovery versions available) *NCAA Approved*Lab materials note: All hands-on labs employ relatively common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Physics (Apex)
Physics offers a curriculum that emphasizes students' understanding of fundamental physics concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology.
The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

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Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science.
Throughout this course, students are given an opportunity to understand how physics concepts are applied in technology and engineering. Journal and practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills.
This course is built to state standards and informed by the American Association for the Advancement of Science (AAAS) Project 2061 benchmarks and the National Science Education Standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Physics A/B
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 gases 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.

Science 6 (Apex)
Middle School Grade 6 Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the flow of energy and matter through both living and nonliving systems, including Earth's systems; Earth's weather and climate; the interaction between humans and the environment; the relationship between structure and function; and growth, development, and reproduction in organisms.
The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Science 6 with Virtual Labs A/B
Science 6 with Virtual Labs is an integrated science course based on the Next Generation Science Standards (NGSS). The content covers all three dimensions incorporated by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. The course robustly meets NGSS learning standards associated with sixth-grade integrated science (NGSS Appendix K: Revised Conceptual Progressions Model, p. 19). Semester A focuses on basic physical science and earth and space science. Semester B focuses on the history of the Earth, ecosystems, and weather and climate.In this course, students complete teacher-graded labs in the Course Activities and Unit Activities. This version of Science 6 has been designed so that all labs are virtual. Students will still be able to plan and execute investigations through carefully designed simulations and videos. They will also be able to design experimental setups and analyze data and visuals derived from real-world experiments.

Science 7 (Apex)

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Middle School Grade 7 Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the structures and properties of matter; chemical reactions; the flow of energy through systems, including Earth's living and nonliving systems; and the history of Earth.
The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Science 7 with Virtual Labs A/B
Science 7 with Virtual Labs is an integrated science course based on the Next Generation Science Standards (NGSS). The content covers all three dimensions incorporated by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. The course robustly meets NGSS learning standards associated with seventh-grade integrated science (NGSS Appendix K: Revised Conceptual Progressions Model, p. 19). Semester A focuses on cells, the life cycle, and nutrition. Semester B focuses on chemical reactions, force fields, and energy.In this course, students complete teacher-graded labs in the Course Activities and Unit Activities. This version of Science 7 has been designed so that all labs are virtual. Students will still be able to plan and execute investigations through carefully designed simulations and videos. They will also be able to design experimental setups and analyze data and visuals derived from real-world experiments.

Science 8 (Apex)
Middle School Grade 8 Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as waves and electromagnetic radiation, energy and forces on Earth and in space, genetics and natural selection, and engineering design.
The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.
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Science 8 with Virtual Labs A/B
Science 8 with Virtual Labs is an integrated science course based on the Next Generation Science Standards (NGSS). The content covers all three dimensions incorporated by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. The course robustly meets NGSS learning standards associated with eighth-grade integrated science (NGSS Appendix K: Revised Conceptual Progressions Model, p. 19). Semester A focuses on genes, evolution, and the Earth’s energy. Semester
B focuses on Earth’s changing climate, waves, and human impact on the Earth.In this course, students complete teacher-graded labs in the Course Activities and Unit Activities. This version of Science 8 has been designed so that all labs are virtual. Students will still be able to plan and execute investigations through carefully designed simulations and videos. They will also be able to design experimental setups and analyze data and visuals derived from real-world experiments.

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Science Foundations (Apex)
Science Foundations provides students with opportunities to develop the knowledge, skills, and strategies necessary for success in rigorous high school science courses. The course is appropriate for use as remediation at the high school level or as a bridge to high school.
Science Foundations is a two-semester course, with each semester containing 10 mini-units. Each mini-unit is composed of three lessons. The first lesson focuses on key concepts found in Earth science, physical science, and life science. The second lesson reinforces reading and math skills students need to be successful with the content introduced in the first lesson. The third lesson introduces scientific inquiry and critical thinking skills that will help students thrive in science as well as other disciplines. Carefully paced, guided instruction is accompanied by engaging and accessible interactive practice. Checkup activities provide an opportunity to review content prior to assessment. Practice activities offer an opportunity to apply concepts that were presented in study activities.
This course is built to state standards.
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Social Studies

AP® Macroeconomics (Apex)
AP® Macroeconomics is a one-semester course in which students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP® exam and for further study in business, political science, or history.
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AP® Microeconomics (Apex)
AP® Microeconomics is a one-semester course in which students learn about the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the nature and function of markets, the roles of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP® Microeconomics prepares students for the AP® exam and for further study in business, history, or political science.
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AP® Psychology (Apex)
AP® Psychology is a one-semester course that provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human

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development, and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of an introductory college-level survey course, AP® Psychology prepares students for the AP® exam and for further studies in psychology or life sciences.
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AP® U.S. History A/B
AP® U.S. History develops critical thinking skills by encouraging multiple views as students realized that there are often multiple accounts of a single historical event that may not be entirely consistent. Electronic discussion groups encourage collaboration, and a variety of practice activities are provided, from multiple choice actions to advanced interactions. Units include: The Historical Process; Early America; Revolutionary America; The Civil War; Populism and Progressivism; the emergence of the U.S. as a world power; and contemporary themes.This course has been authorized by the College Board® to use the AP® designation.*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® US Government and Politics (Apex)
AP® US Government and Politics is a one-semester course in which students learn about the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP® US Government and Politics prepares students for the AP® exam and for further study in political science, law, education, business, or history.
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Contemporary World History A/B
Contemporary World History is a yearlong course designed to strengthen learners' knowledge about the modern world. Multimedia tools, including custom videos, custom maps, and interactive timelines, will engage learners as they complete this course. Learners will explore the importance of geography, the influence of culture, and the relationship humans have with the physical environment. They will also focus on the responsibility of citizens, democracy in the United States, U.S. legal systems, and the U.S. economy. Ultimately, learners will complete this course as global citizens with an understanding of how to help and better their community and the world.

Economics
This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

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Economics (Apex)
Economics offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the roles of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflation, and the national debt; and a survey of the global economy.
Economics is designed to fall in the fourth year of social studies instruction. Students establish mastery of key economic principles through a scaffolded series of analytic written assignments and lesson tests. They also apply basic mathematics to economic concepts.
This course is built to state standards and further informed by standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.
This updated course was originally created for Apex Courses and is now available in Courseware.

Economics and Personal Finance (Apex)
Economics and Personal Finance offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the roles of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflation, and the national debt; and a survey of the global economy. The course extends students' understanding of these principles in the context of personal finance, exploring issues such as career planning, budgeting, credit, taxes, investing, insurance, loans, and major purchases.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Ethnic Studies
In one semester of five units, Ethnic Studies explores the history, culture, and experiences of different ethnic and racial groups. The course looks at the lives of Indigenous peoples, African Americans, Latin Americans, and Asian Americans and Pacific Islanders in the United States. By studying the experiences of people in these groups, you will develop a deeper understanding of their contributions, struggles, and achievements.
In this course, you will explore the effects of historical as well as current laws and policies. Many laws and policies have focused on specific groups of people based on race or ethnicity. You will learn about the ways in which ethnic groups have shaped and contributed to American society. You will also explore the obstacles groups have faced while working to gain citizenship and equality. And through discussion, research, and projects, you will learn how the impacts of race, ethnicity, and identity lead people to have very different lives.

Geography and World Cultures (Apex)
Geography and World Cultures is a robust one-semester course that explores how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Along the way, students are given rigorous instruction on how to read and create maps, charts, and graphs.
Geography and World Cultures is designed to be the first course in the social studies sequence. It helps students develop note-taking skills, teaches analytic writing, and introduces students to the close examination of primary documents.
This course is built to state standards and informed by standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.

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This updated course was originally created for Apex Courses and is now available in Courseware.

High School Civics
National Civics is a one-semester course offering seven units that cover topics including the origins of American government, the structure and function of our government, rights and responsibilities of citizens, the American federal system, political parties and the election process, basic economic principles, and current matters regarding domestic and foreign policy. The course includes a variety of unit and lesson activities that examine the history, culture, and economy of the nation that encourage research and reflection. In these activities, students will examine seminal documents and landmark Supreme Court cases in American political history, analyze changes in federal and executive power over time, explore the political election process and data related to recent voting trends, research and propose a public policy plan, as well as compare and contrast the functions of the national government with state and local governments. The course also prepares students to pass the civics portion of the USCIS Naturalization Test.

High School World History A/B
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.

MS Contemporary World History A/B
Middle School Contemporary World is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' knowledge of contemporary world geography, cultures, civics, and economics. By honing their ability to analyze the physical, social, and political forces that shape our world, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test.The two-semester course is arranged in themed units, each with three to six lessons. In each unit, activities make complex ideas about the modern world accessible through focused content, guided analysis, multimodal representations, and personalized feedback. Each lesson includes a variety of activities, such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Middle School Civics A/B
Middle School Civics is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' understanding of the political and governmental systems of the United States and the roles played by citizens. By honing their ability to analyze civic life, political practices, and government structures, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test.The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about civics accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Middle School U.S. History A/B

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Middle School U.S. History is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' knowledge of U.S. history, from the peopling of North America through the era of Reconstruction. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about U.S. history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Middle School World History A/B
Middle School World History is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' knowledge of world history, from the Neolithic Revolution through the Middle Ages. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about world history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.
This updated course was originally created for Apex Courses and is now available in Courseware.

Modern World History from 1450 (Apex)
In Modern World History from 1450, students study the major turning points that shaped the modern world, including the expansion of Islamic and Asian empires, transoceanic exploration, the Atlantic slave trade, the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course not only provides students with a solid foundation in the history of the modern era, but also prepares them to be active and informed citizens of the world.
Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about the history of the modern era. In discussion activities, students respond to diverse opinions, take positions, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Modern World History from 1600 (Apex)
In Modern World History from 1600, students study the major turning points that shaped the modern world, including the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course provides students with a solid foundation in the history of the modern era and prepares them to be active and informed citizens of the world.

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Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about the history of the modern era. In discussion activities, students respond to diverse opinions, take positions, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Personal Financial Literacy (Apex)
Personal Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing among banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget. As a social studies course, Financial Literacy is designed to complement courses in Economics and Mathematics for Personal Finance.
This course is built to state standards and further informed by standards from the Council for Economic Education's National Standards for Financial Literacy and the Jump$tart Coalition for Personal Financial Literacy's National Standards in K-12 Personal Finance Education.
This updated course was originally created for Apex Courses and is now available in Courseware.

U.S. Government
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.

U.S. History A/B
U.S. History v3.0 is a two-semester course aligned to the principles of the C3 Framework. 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.

US Government and Politics (Apex)
In US Government and Politics, students examine the history, principles, and function of the political system established by the US Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the US political system.
Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about US politics and the roles of individual Americans

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in politics and political organizations. In discussion activities, students respond to political opinions, take a position, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course. For Honors students, the course culminates with a multipart independent research project focused on a topic of their choice.
This course is built to state standards and informed by the College, Career, and Civil Life (C3) Framework for Social Studies State Standards and the National Standard for Civics and Government.
This updated course was originally created for Apex Courses and is now available in Courseware.

US History (Apex)
US History traces the nation's history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students investigate the economic, cultural, and social motives for the nation's expansion, as well as the conflicting notions of liberty that eventually resulted in civil war. The course describes the emergence of the United States as an industrial nation and then focuses on its role in modern world affairs.
Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.
The course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide learners step-by-step through problem-solving activities.
This course is built to state standards and informed by the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.
This updated course was originally created for Apex Courses and is now available in Courseware.

US History Since the Civil War (Apex)
US History Since the Civil War traces the nation's history from the end of the Civil War to the present. It describes the emergence of the United States as an industrial nation, highlighting social policy as well as its role in modern world affairs.
Students evaluate the attempts to bind the nation together during Reconstruction while also exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.
The course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide students step-by-step through problem-solving activities.
Honors students perfect their ability to use logic and evidence to create persuasive written arguments in five-paragraph essays, two independent research projects, and shorter exercises such as document-based questions and analytical discussions.
The course is built to state standards and standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.

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World Geography A/B
In an increasingly interconnected world, equipping students to develop a better understanding of our global neighbors is critical to ensuring that they are college and career ready. These semester-long courses empower students to increase their knowledge of the world in which they live and how its diverse geographies shape the international community. Semester A units begin with an overview of the physical world and the tools necessary to exploring it effectively. Subsequent units survey each continent and its physical characteristics and engage students and encourage them to develop a global perspective.

World History (Apex)
In World History, students learn to see the world today as the product of a process that began thousands of years ago when humans became a speaking, traveling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and evolution of human culture, governments, economic systems, and social structures.
Students build and practice historical thinking skills, learning to connect specific people, places, events, and ideas to the larger trends of world history. In critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to reason chronologically, interpret and synthesize sources, identify connections between ideas, and develop well-supported historical arguments. Students write throughout the course, responding to primary sources and historical narratives through journal entries, essays, and visual presentations of social studies content. In discussion activities, students respond to the positions of others while staking and defending their own claims. The course's rigorous instruction is supported with relevant materials and active learning opportunities to ensure students at all levels can master the key historical thinking skills.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

World History Survey A/B
In World History Survey, learners will study major historical events from early human societies through to the present day. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this year-long course. Topics of study include early civilizations, world religions, the Renaissance, the World Wars, and the globalized world of today.

World Languages

French 1 A/B
In French 1A, they 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 their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. Students will also learn about some regions of the French-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.In French 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 French 1A course and communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-

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speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

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

German 1 A/B
In German 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 their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their German 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 German 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 have learned in the German 1A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

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

Spanish 1 A/B
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.

Spanish 2 A/B
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 employer. 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 about 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.

Spanish 3 A/B
In Spanish 3A, 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.In Spanish 3B, students will be reintroduced to Spanish in a variety of situations, beginning with multiculturalism, bilingualism, cultural influences on traditions, customs, food, and social experiences, and legends and folklore from different cultures. Students will discuss and describe genres of music, poetry, drama, and short stories, and proverbs from different cultures. They will also explore how geographical features affect the weather, and how the geography and weather affect the clothing, food, and livelihoods of the local population. Students will also understand the history of Venezuela and how the Spanish conquerors and indigenous people shaped the culture of the country, and they will learn about the South American independence movement, including some significant freedom fighters and their struggles to win independence. They will also discuss religions practiced in Argentina, the cultural icons of the country and how they compare to cultural icons from other countries, sports and activities in Argentina, some national symbols, such as the gauchos, and idioms and sayings from Argentina. Finally, students will discuss types of wildlife and natural and agricultural resources found in Costa Rica, the human resources of the country that help overcome economic and natural disasters, and how to write formal and informal letters to share experiences. They will build on what they learned in Spanish 3A 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 they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Electives

Academic Success
As in other areas of life, success in academics results from learning and practicing positive habits. This one-semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course

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activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.

Art Appreciation (Apex)
Art Appreciation is a survey of the history of Western visual arts, with a primary focus on painting. Students begin with an introduction to the basic principles of painting and learn how to critique and compare works of art. Students then explore prehistoric and early Greek and Roman art before they move on to the Middle Ages. Emphasis is placed on the Renaissance and the principles and masters that emerged in Italy and northern Europe. Students continue their art tour with the United States during the 20th century, a time of great innovation as abstract art took center stage. While Western art is the course's primary focus, students finish the course by studying artistic traditions from Africa, Asia, Oceania, and the Americas.
Coverage of each artistic movement highlights historical context and introduces students to key artists who represent a variety of geographic locations. Throughout the course, students apply what they have learned about art critique to analyze and evaluate both individual artists and individual works of art.
This course is built to state standards and informed by the Consortium of National Arts Education Associations standards. It encompasses a variety of skills to enable students to critique, compare, and perhaps influence their own works of art.
This updated course was originally created for Apex Courses and is now available in Courseware.

Art History and Appreciation
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.

Artificial Intelligence
This one-semester course is focused on the history, applications, and innovations of artificial intelligence. Students will learn about intelligence agents, problem solving using search algorithms, knowledge representation, and reasoning in artificial intelligence. Students will also learn about the basic concepts of machine learning and natural language processing (NLP). Students will also learn about expert systems, computer vision and robotics. This 12-lesson course also covers ethics and safety related to artificial intelligence. Online discussions and course activities require students to develop and apply critical thinking skills, while the included games appeal to a variety of learning styles and keep students engaged.

Business and Information Technology A/B
Business and Information Technology focuses on building a solid foundation of business and information technology knowledge. Topics include entrepreneurship, marketing, product design, digital citizenship, and computer basics. In addition, the course explains how to create a personal profile by evaluating personal values, interests, and aptitudes. It also explains how to create a career plan. Finally, it covers how to create an electronic portfolio and conduct a job search in a specific area of interest within the business and information technology industries.
Lesson Activities, Unit Activities, and a Course Activity help students develop and apply durable skills such as critical thinking, written communication skills, and creativity. A Course Project focuses on helping students develop additional durable skills such as goal setting, planning, and entrepreneurship. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

College and Career Preparation I (Apex)

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High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers.
In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable.
Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters. Students come away from this course understanding how smart preparation and skill development in high school can lead into expansive career opportunities after they have completed their education and are ready for the working world.
Students who complete College and Career Preparation I have the basic skills and foundation of knowledge to progress into College and Career Preparation II, the capstone course that provides hands-on information about the transition from high school to college and career.
This course is built to the American School Counselors Association National Standards for school counseling programs.
This updated course was originally created for Apex Courses and is now available in Courseware.

College and Career Preparation II (Apex)
High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers.
College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well as financial aid options.
College and Career Preparation II also instructs students in interviewing techniques and provides career guidance. Students explore valuable opportunities such as job shadowing and internships when preparing for a career.
Students who complete this course obtain a deeper understanding of college and career readiness through informative, interactive critical thinking and analysis activities while sharpening their time management, organization, and learning skills that they learned in College and Career Preparation I.
College and Career Preparation II prepares students with the knowledge and skills to be successful in college and beyond. This course is built to the American School Counselors Association National Standards for school counseling programs.
This updated course was originally created for Apex Courses and is now available in Courseware.

Creative Writing
Creative Writing is designed to get students to pursue creative writing as a vocation or as a hobby. To that purpose, it exposes them to different genres and techniques of creative writing and the key elements (such as plot and characterization in fiction) in each genre. Great creative writing doesn't come merely by reading about the craft—one also needs ideas; a process for planning, drafting and revising; and the opportunity to experiment with different forms and genres. The lessons in this course familiarize students with the basic structure and elements of different types or genres of writing.

Creative Writing (Apex)
Creative Writing is an English elective course that focuses on the exploration of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing.

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Elements of fiction writing explored in this course include attention to specific detail, observation, character development, setting, plot, and point of view. In the poetry units, students learn about the use of sensory details and imagery, figurative language, and sound devices including rhyme, rhythm, and alliteration. They also explore poetic forms ranging from found poems and slam poetry to traditional sonnets and villanelles.
In addition to applying literary craft elements in guided creative writing exercises, students engage in critical reading activities designed to emphasize the writing craft of a diverse group of authors. Students study short stories by authors such as Bharati Mukherjee and Edgar Allan Poe, learning how to create believable characters and develop setting and plot. Likewise, students read poetry by canonical greats such as W. B. Yeats and Emily Dickinson as well as contemporary writers such as Pablo Neruda, Sherman Alexie, and Alice Notley. Studying the writing technique of a range of authors provides students with models and inspiration as they develop their own voices and refine their understanding of the literary craft.
By taking the Creative Writing course, students find new approaches to reading and writing that can affect them on a personal level, as the skills they gain in each lesson directly benefit their own creative goals. Students who are already actively engaged writers and readers learn additional tools and insight into the craft of writing to help them further hone their skills and encourage their creative as well as academic growth.
This course is built to state standards and informed by the National Council of Teachers of English (NCTE) standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Digital Citizenship A/B
Digital Citizenship focuses on the foundations of using computers, keyboarding, and being a responsible digital user. Topics include digital safety, computing devices, online communication, and digital wellness. Students will explore digital etiquette, the issue of cyberbullying, and how to use technology and social media positively, safely, legally, and ethically. The course also delves into a computer's hardware and software components and explains how to troubleshoot common issues. It highlights the importance of finding life balance in a digital world. Finally, students practice using word processing software, spreadsheets, and presentation media in efficient and responsible ways.

Lesson Activities, Unit Activities, and a Course Activity help students develop and apply durable skills such as intellectual curiosity, resourcefulness, and social media skills. communication, and creativity. A Course Project focuses on helping students develop additional durable skills such as creative problem-solving, brainstorming, and improving social skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Engineering and Technology A/B
Engineering and Technology focuses on the fundamental concepts of engineering and technology. This course covers important inventions and innovations in engineering and technology, engineering's contributions to society, and how fields such as science, mathematics, and technology influence engineering. The course also explores the technologies, principles, and safety considerations in various engineering and technology career areas. It covers how to create models or prototypes of manufacturing, construction, biotechnology, power, and communication systems. Finally, students explore career areas in the engineering and technology industries and learn what skills and education are required for various career options.

Lesson Activities, Unit Activities, and a Course Activity help students develop and apply durable skills such as investigation, innovation, and verbal communication skills. A Course Project focuses on helping students

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develop additional durable skills such as problem solving, being detail oriented, and critical thinking. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Environmental Science A/B
Environmental Science is designed to introduce students to the main concepts of environmental science. It will help students gain knowledge of the natural processes that occur in nature and understand their importance and relevance. Students will also gain awareness of some of the environmental issues and challenges we face in the world today, such as land use and management, wildlife conservation, resource and waste management, and the different kinds of pollution. Finally, students will learn about energy sources and production, sustainable development, and environmental policies.

Exploring Agriculture and Business A/B
Exploring Agriculture Science and Business introduces students to agriculture and its role and impact on society. Students learn about food sources, nutrition, food contamination, and food safety principles. They learn about plant structure, plant reproduction, and growth. They also learn about different species and characteristics of livestock and natural resource management. Students explore career opportunities in agriculture science and agribusiness and the durable skills that can influence success in these careers. Finally, students learn about the tools and technologies used in agriculture science and business.

Lesson Activities, Unit Activities, and a Course Activity help students develop and apply durable skills such as organizational skills, professionalism, and constructive feedback. A Course Project focuses on helping students develop additional durable skills such as engaging in research, critical thinking, and ideation. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Exploring College and Careers A/B
Exploring College and Careers focuses on personal and career assessment, exploration of career opportunities, academic planning, and financial planning. The course begins with an introduction to self-exploration and explains how to identify aptitudes, interests, skills, values, beliefs, and strengths. It discusses how to interpret self-assessment data to create an initial career and education plan. It delves into how to develop long-term, mid-term, and short-term goals. The course then explores jobs, occupations, and careers in 16 career clusters. It provides insights into the educational requirements and skills necessary for different professions. The course compares postsecondary educational options such as trade or technical schools, apprenticeships, community colleges, the military, and two- and four-year colleges and universities.

Lesson Activities, Unit Activities, and a Course Activity help students develop and apply durable skills such as analytical thinking, data analysis, and organizational skills. A Course Project focuses on helping students develop additional durable skills such as planning, goal setting, and doing research. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Exploring Health Sciences A/B

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Exploring Health Sciences focuses on exploring health science careers. In this course, students will explore various career options in health care, such as biotechnology research, health informatics, and therapeutic, support, and diagnostic services. They will learn about the educational qualifications and skills required for a career in health care. They will analyze the evolution of health care in the United States and how it has affected care. They will compare the different areas of health care such as primary care, mental health, public health, pharmaceuticals, and medical devices. Students will also discover the foundational health care skills that will help them be successful in a variety of health careers.

Lesson Activities, Unit Activities, and a Course Activity help students develop and apply durable skills such as presentation skills, creativity, and a growth mindset. A Course Project focuses on helping students develop additional durable skills such as collaboration, teamwork, and reliability. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Gothic Literature
Gothic Literature is a one-semester course intended to familiarize students with the different conventions, themes, and elements of Gothic literature through the analysis of representative literary works. Students will discuss classics such as Mary Shelley's novel *Frankenstein*, Ann Radcliffe's novel, *A Sicilian Romance*, Nathaniel Hawthorne's novel, *The Scarlet Letter*, Robert Louis Stevenson's Gothic novella, *The Strange Case of Dr. Jekyll and Mr. Hyde*, and Bram Stoker's *Dracula*. Students will also analyze Edgar Allan Poe's Gothic short stories, Robert Browning's Gothic poems, and Emily Dickinson's poems about death, mortality, and spirituality. Finally, students will get a glimpse of Matthew Lewis and Percy Bysshe Shelley's Gothic dramas; learn about Gothic parodies and Gothic subgenres; and discuss contemporary Gothic literature.

Introduction to Anthropology
Introduction to Anthropology is a one-semester course that introduces students to the field of anthropology. Students will explore the evolution of anthropology as a distinct discipline; learn about anthropological terms, concepts and theories; and discuss the evolution of humans and human society and culture. Students will also learn about social institutions, such as marriage, economy, religion, and polity. The target audience for this course is high school students.

Introduction to Archaeology
Introduction to Archaeology is a one-semester course that introduces students to the work and techniques involved in archaeology, and the career prospects of an archaeologist. This course covers subject areas such as the history of modern archaeology; discoveries in archaeology; careers in archaeology; research techniques; evidence; site excavation; and many more.

Introduction to Philosophy
Introduction to Philosophy provides students an introduction to the field of philosophy and its great, timeless questions. This one-semester course is intended as a practical guide to help students understand the subject matter of philosophy, its main branches, and the major ideas and issues discussed in each branch. Students will explore the origin and evolution of philosophy as a discipline and learn about the times, lives, and intellectual contributions of essential philosophers.

Introduction to Visual Arts
Introduction to Visual Arts is designed to enable all students at the high school level to familiarize themselves with different types of visual arts. Students will trace the history of art, describe various art forms, and identify

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the elements of art. After examining the principles of design, students will delve into the parameters involved in evaluating and critiquing art.

Introduction to World Religions
Introduction to World Religions is a one-semester course that familiarizes students with the origins, history, beliefs, and practices of various prominent world religions, primal religions, and contemporary religious movements. The target audience for this course is high school students. This course covers primal religious traditions, Hinduism, Buddhism, Jainism, Sikhism, Zoroastrianism, Judaism, Christianity, Islam, Confucianism, Taoism, and Shinto and contemporary religious movements.

Music Appreciation
In a time of an increasing emphasis on STEM courses and skills, it remains essential to provide your students with opportunities to explore the arts from both an informational and career-oriented perspective. In Music Appreciation, students will explore the history and evolution of music, learn the elements of music and musical notations, and the contributions of popular music artists and composers. A variety of lessons, activities, and discussions will help to develop an awareness and appreciation of music that will develop not only critical thinking skills, but life enriching skills as well.

Music Appreciation (Apex)
Music Appreciation introduces students to the history, theory, and genres of music, from the most ancient surviving examples to the most contemporary in the world at large. The course is offered in a two-semester format. The first semester covers primitive musical forms and classical music. The second semester presents rich modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop.
The course explores the interface of music and social movements and examines how global society and the internet bring musical forms from around the world together in new ways.
This updated course was originally created for Apex Courses and is now available in Courseware.

Mythology and Folklore
Mythology and Folklore is a one-semester course that introduces students to myths, legends, and folklore from around the world. In this course, students will describe myths related to the creation of the world, the natural elements, and the destruction of the world. Students will identify the main characters of various dynastic dramas, love myths, and epic legends and describe their journeys. Finally, students will trace the evolution of folklore and describe folktales from around the world.

Personal Communication (Apex)
Personal Communication is a one-semester course that teaches students how to become effective at verbal and nonverbal expression. In a rapidly changing world filled with constantly evolving technology, social media, and social networking, students need skills to send clear verbal and nonverbal messages and adapt those messages to multiple contexts. Students need to prepare to identify, analyze, develop, and evaluate communication skills in personal, academic, and professional interactions.
Major topics include intrapersonal and interpersonal interaction, informal communication and interviewing, and the preparation and delivery of informal, informational, and persuasive addresses. Students also engage in recognizing bias, resolving conflicts, and evaluating media messages; gain an understanding of elements of ethical communication and group dynamics; and participate in peer review.
This updated course was originally created for Apex Courses and is now available in Courseware.

Psychology (Apex)
Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior.

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By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as “What is happiness?” Students answer these questions before, during, and after they interact with direct instruction. This course is built to state standards and informed by the American Psychological Association's National Standards for High School Psychology Curricula. The teaching methods draw from the National Science Teachers Association (NSTA) teaching standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Sociology (Apex)
Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies.
Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.
In online discussions and polls, students reflect critically on their own experiences and ideas, as well as on the ideas of sociologists. Interactive multimedia activities include personal and historical accounts to which students can respond, using methods of inquiry from sociology. Written assignments provide opportunities to practice and develop skills in thinking and communicating about human relationships, individual and group identity, and all other major course topics.
This course is built to state standards and the National Council for the Social Studies (NCSS) Expectations of Excellence: Curriculum Standards for Social Studies.
This updated course was originally created for Apex Courses and is now available in Courseware.

Structure of Writing
This semester-long course focuses on building good sentences. Students will learn how to put words, phrases, and clauses together and how to punctuate correctly. They will start using sentences in short compositions. As an extra bonus, students will add some new words to their vocabulary, and they will practice spelling difficult words. Near the end of the course, students are to submit a book report. Early in the course, encourage students to start looking for the books they want to read for the book report. They might also preview the introduction to that lesson so they know what will be expected.

Women's Studies
Women’s Studies is a one-semester course that introduces students to women’s studies, gender studies, and gender roles. The course traces the history of feminism, analyzes feminist theories, and examines intersectionality. Students will learn about social and political movements for the rights of women and other vulnerable groups. Students will also learn about social and family structures and socialization, which include identifying prejudices, biases, and stereotypes that exist in society and how the media perpetuates some stereotypes about gender roles and identities. The course also covers different forms of oppression, ways to prevent oppression, and methods to help and empower victims. Students will learn about international activism for gender equality, legal rights, and the challenges in achieving equality for all citizens from every section of society. The course combines a variety of content types, including lessons, activities, and discussions to engage learners as they discover the significance of women’s studies.

Health, Fitness & Physical Education

Adaptive Physical Education
This course is designed specifically for students with physical limitations. The content is similar to Fitness Fundamentals 1, but additional modification resources are provided to allow for customized exercise requirements based on a student’s situation. In addition, students learn the basic skills and information needed

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to begin a personalized exercise program and maintain an active and healthy lifestyle. Students research the benefits of physical activity, as well as the techniques, components, principles, and guidelines of exercise to keep them safe and healthy.
This course is provided by Carone Learning, through partnership with Edmentum.

Advanced Physical Education 1
This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly, while participating in physical activities and applying principles they've learned. Basic anatomy, biomechanics, physiology, and sports nutrition are all integral parts of this course. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.
This course is provided by Carone Learning, through partnership with Edmentum.

Advanced Physical Education 2
This course gives the student an in-depth view of physical fitness by studying subjects such as: biomechanics, nutrition, exercise programming, and exercise psychology. Students will apply what they learn by participating in a more challenging exercise requirement. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.
This course is provided by Carone Learning, through partnership with Edmentum.

Anatomy
In this course students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study and the main systems of the body- including integumentary, skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. In addition to identifying the bones, muscles, and organs, students will study the structure of cells and tissues within the body.
This course is provided by Carone Learning, through partnership with Edmentum.

Comprehensive Physical Education
In this course students will explore concepts involving personal fitness, team sports, dual sports, and individual and lifetime sports. Students will focus on health-related fitness as they set goals and develop a program to improve their fitness level through cardio, strength, and flexibility training. In addition, they will learn about biomechanics and movement concepts, as they enhance their level of skill-related fitness. Students will learn about game play concepts and specifically investigate the rules, guidelines, and skills pertaining to soccer, softball, volleyball, tennis, walking and running, dance, and yoga. Throughout this course students will also participate in a weekly fitness program involving elements of cardio, strength, and flexibility training.
This course is provided by Carone Learning, through partnership with Edmentum.

Credit Recovery Health
Credit Recovery Health is ideal for students who have had prior exposure to health, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn to define mental, social, physical, and reproductive health as well as learning about drugs and safety.
This course is provided by Carone Learning, through partnership with Edmentum.

Credit Recovery Physical Education 1
Credit Recovery PE is ideal for students who have had prior exposure to physical education, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn about the FITT principles, the components of physical fitness, and the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Students participate in weekly physical activity throughout the course.

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Credit Recovery Physical Education 2
Credit Recovery PE is ideal for students who have had prior exposure to physical education, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn about the FITT principles, the components of physical fitness, and the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Students participate in weekly physical activity throughout the course.
This course is provided by Carone Learning, through partnership with Edmentum.

Drugs & Alcohol
This course delves into the types and effects of drugs, including alcohol, tobacco, steroids, over the counter drugs, marijuana, barbiturates, stimulants, narcotics, and hallucinogens. Students learn about the physiological and psychological effects of drugs, as well as the rules, laws, and regulations surrounding them. The difference between appropriate and inappropriate drug use will also be discussed. In addition, students will learn about coping strategies, healthy behaviors, and refusal skills to help them avoid and prevent substance abuse, as well as available resources where they can seek help.
This course is provided by Carone Learning, through partnership with Edmentum.

Exercise Science
This course takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to designing an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the students' comprehension of this multifaceted subject.
This course is provided by Carone Learning, through partnership with Edmentum.

Family & Consumer Science
Family & Consumer Science prepares students with a variety of skills for independent or family living. Topics covered include child care, home maintenance, food preparation, money management, medical management, clothing care, and more. They also focus on household, personal, and consumer health and safety. In addition, students learn goal setting and decision-making skills, as well as explore possible career options.
This course is provided by Carone Learning, through partnership with Edmentum.

Family Living & Healthy Relationships
In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life-- including information on self- discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development from infancy to adulthood. They also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.
This course is provided by Carone Learning, through partnership with Edmentum.

First Aid & Safety
In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for inf ants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.
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Fitness Basics 1

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This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout t heir lifetime. Students conduct fitness assessments, set goals, develop their own fitness program, and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Fitness Basics 2
This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout their lifetime. Students conduct fitness assessments and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Fitness Fundamentals 1
This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre- and post fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility training.
This course is provided by Carone Learning, through partnership with Edmentum.

Fitness Fundamentals 2
This course takes a more in-depth look at the five components of physical fitness touched on in Fitness Fundamentals 1: muscular strength, endurance, cardiovascular health, flexibility, and body composition. Th is course allows students to discover new interests as they experiment with a variety of exercises in a non-competitive atmosphere. By targeting different areas of fitness, students increase their understanding of health habits and practices and improve their overall fitness level. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving elements of cardio, strength, and flexibility.
This course is provided by Carone Learning, through partnership with Edmentum.

Flexibility Training
This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching, as well as touch on aspects of yoga and Pilates. This course also discusses good nutrition and effective cross-training. Students take a pre- and post fitness assessment. Throughout this course students also participate in a weekly fitness program involving flexibility training, as well as elements of cardio and strength training.
This course is provided by Carone Learning, through partnership with Edmentum.

Group Sports
This course provides students with an overview of group sports. Students learn about a variety of sports, yet do an in-depth study of soccer, basketball, baseball/softball, and volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct fitness assessments and participate in regular weekly physical activity.

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This course is provided by Carone Learning, through partnership with Edmentum.

HOPE (Health Opportunities through Physical Education) 1
This comprehensive health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.
This course is provided by Carone Learning, through partnership with Edmentum.

HOPE (Health Opportunities through Physical Education) 2
This comprehensive health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.
This course is provided by Carone Learning, through partnership with Edmentum.

Health
This course is based on a rigorously researched scope and sequence that covers the essential concepts of health. Students are provided with a variety of health concepts and demonstrate their understanding of those concepts through problem solving. The five units explore a wide variety of topics that include nutrition and fitness, disease and injury, development and sexuality, substance abuse, and mental and community health.

Health & Personal Wellness
This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.
This course is provided by Carone Learning, through partnership with Edmentum.

Health Careers
In this course, students explore a variety of career options related to the health care field, including medicine, nursing, physical therapy, pharmacy, dental careers, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.
This course is provided by Carone Learning, through partnership with Edmentum.

Individual Sports
This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, hiking, yoga, dance, swimming, biking, and cross-training. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about the components of fitness, the FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Coaching
This course focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles,

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sports nutrition and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Group Sports 1
This course provides students with an overview of group sports. Students learn about a variety of sports, and an in-depth study of soccer of basketball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about game strategy and the benefits of sports. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct a pre- and post-fitness assessment, as well as participate in regular weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Group Sports 2
This course provides students with an overview of group sports. Students learn about a variety of sports and do an in-depth study of baseball/softball, and volleyball. Students learn the history, rules, and guidelines of each sport, as well as practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct a pre- and post-fitness assessment, as well as participate in regular weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Individual Sports 1
This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, Pilates, dance, water sports, and cross-training. Students learn the history, rules, and guidelines of each sport, and practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Individual Sports 2
This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, Pilates, dance, water sports, and cross-training. Students learn the history, rules, and guidelines of each sport, and practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Nursing 1
This two semester course introduces students to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, crisis management will be included.
This course is provided by Carone Learning, through partnership with Edmentum.

Intro to Nursing 2

This two semester course introduces student s to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, and crisis management will be included.
This course is provided by Carone Learning, through partnership with Edmentum.

Life Skills
This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time & stress management, communication & healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students will explore possible colleges and careers that match their needs, interests, and talents.
This course is provided by Carone Learning, through partnership with Edmentum.

Lifetime & Leisure Sports
This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do an in-dept h study of martial arts, Pilates, fencing, gymnastics, and water sports. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Medical Terminology
In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.
This course is provided by Carone Learning, through partnership with Edmentum.

Middle School Health
Middle School Health aids students in creating a foundation of personal health. Beginning with properly defining health, this course then builds upon basic health practices to emphasize the importance of balance. Attention is given to each of the six dimensions of wellness; namely, physical, intellectual, emotional, spiritual, social, and environmental. Students are taught the skills necessary to improve every aspect of health. They are also encouraged to reflect upon their own personal wellness each week.
This course is provided by Carone Learning, through partnership with Edmentum.

Nutrition
This course takes students through a comprehensive study of nutritional principles and guidelines. Students will learn about world- wide views of nutrition, nutrient requirements, physiological processes, food labeling, healthy weight management, diet-related diseases, food handling, nutrition for different populations, and more. Students will gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.
This course is provided by Carone Learning, through partnership with Edmentum.

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Outdoor Sports
This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do an in- depth study of hiking and orienteering, golf, and dual volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the FITT principles, benefits of fitness, and safety and technique. Students conduct fitness assessments, set goals, and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Personal Health & Fitness
This combined health and PE course prov ides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.
This course is provided by Carone Learning, through partnership with Edmentum.

Personal Training Career Prep
This course examines the role and responsibilities of a personal trainer. Students will learn the steps to become a personal trainer, including performing fitness assessments, designing safe and effective workouts, and proper nutrition principles. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course students will be able to explore various exercises, equipment, and tools that can be used for successful personal training.
This course is provided by Carone Learning, through partnership with Edmentum.

Personal Training Concepts
This course examines basic concepts in fitness that are important for personal fitness, as well as necessary foundational information for any health or exercise career field. Areas of study include musculoskeletal anatomy and physiology, terms of movement, basic biomechanics, health related components of fitness, FITT principles, functional fitness skills, safety and injury prevention, posture and technique, nutrition, and weight management.
This course is provided by Carone Learning, through partnership with Edmentum.

Physical Education
This course's three units include Getting Active, Improving Performance, and Lifestyle. Unit activities elevate students' self-awareness of their health and well-being while examining topics such as diet and mental health and exploring websites and other resources. In addition to being effective as a stand-alone course, the components can be easily integrated into other health and wellness courses.

Physical Education (Apex)
Physical Education combines the best of online instruction with actual student participation in weekly cardiovascular, aerobic, and muscle toning activities. The course promotes a keen understanding of the value of physical fitness and aims to motivate students to participate in physical activities throughout their lives. Specific areas of study include: Cardiovascular exercise and care, safe exercising, building muscle strength and endurance, injury prevention, fitness skills and FITT benchmarks, goal setting, nutrition and diet (vitamins and minerals, food labels, evaluation product claims), and stress management. The course requires routine participation in adult-supervised physical activities. Successful completion of this course will require parent/legal guardian sign-off on student-selected physical activities and on weekly participation reports to verify the student is meeting his or her requirements and responsibilities.

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Physical Education is built to state standards and informed by the Presidential Council on Physical Fitness and Sports standards.

No required or optional materials.
This updated course was originally created for Apex Courses and is now available in Courseware.

Physiology
In this course, students will examine the functions of the body's biological systems--including skeletal, muscular, circulatory, respiratory, digestive, nervous, and reproductive systems. In addition to understanding the function of each system, students will learn the function of cells, blood, and sensory organs, as well as study DNA, immunity, and metabolic systems.
This course is provided by Carone Learning, through partnership with Edmentum.

Running
This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics, safety and injury prevent ion, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the realm of competitive racing. Students conduct fitness assessments and participate in weekly physical activity.
This course is provided by Carone Learning, through partnership with Edmentum.

Sports Officiating
In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play.
This course is provided by Carone Learning, through partnership with Edmentum.

Strength Training
This one-semester course by Carone Fitness focuses on the fitness components of muscular strength and endurance. Throughout this course students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training.
This course is provided by Carone Learning, through partnership with Edmentum.

Walking Fitness
This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to re viewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking, as well as elements of resistance training and flexibility.
This course is provided by Carone Learning, through partnership with Edmentum.

Career & Technical Education

Finance

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Accounting A/B
Accounting empowers high school students with the essential skills they need to understand accounting basics. Topics covered include the fundamentals of bookkeeping, financial statements, accounting based on the type of firm, specialized accounting tasks, and skills, regulations, and ethics for careers in accounting. Engaging and relevant, this course helps students with an accounting career orientation, and students in need of an overview of essential accounting principles.

Accounting I (Apex)
Accounting I examines how to make decisions about planning, organizing, and allocating resources using accounting procedures. Throughout the course, students focus on double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording revenues, expenses, assets, and liabilities; and the preparation of financial statements.
This course allows students to explore careers in accounting while learning skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements; implementing the accounts payable and accounts receivable process; and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers so they can identify opportunities of interest to them.
Accounting I is a full-year intermediate Career and Technical Education course applicable to programs of study in the finance or business management and administration career clusters. This course is built to state and national CTE standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor.
This updated course was originally created for Apex Courses and is now available in Courseware.

Accounting II (Apex)
Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.
This course allows students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them.
Accounting II is a full-year advanced Career and Technical Education course applicable to programs of study in the finance or business management and administration career clusters. This course is built to state and national CTE standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor.
This updated course was originally created for Apex Courses and is now available in Courseware.

Advanced Accounting (Apex)
Advanced Accounting builds on a foundation of basic skills and concepts in accounting so that students can extend their mastery of the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students use equations, graphical representations, accounting tools,

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spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.
This course allows students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them.
This full-year course is applicable to the finance program of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students may take this course to satisfy the Concentrator B option in the aforementioned pathway.
This updated course was originally created for Apex Courses and is now available in Courseware.

Introduction to Finance
Introduction to Finance is designed to enable students at the high school level to develop financial skills that they can use during in their careers in business organizations. Financial literacy is an essential capability for students as they prepare for the workforce, and this course provides the information they need to determine if a career in finance is right for them. The course introduces learners to a variety of topics, including investment strategies, money management, asset valuation, and personal finance. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the finance industry.

Business Management and Administration

Business Applications (Apex)
Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software.

This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.
Business Applications is an introductory level Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is built to state and national standards. Students who successfully complete the course can go on to obtain the Microsoft® Office Specialist: Microsoft® Office Word certification.*
*Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries.
This updated course was originally created for Apex Courses and is now available in Courseware.

Business Information Management A/B
Business Information Management is designed to enable students to develop information management skills that they can use during in their careers in business organizations. This course covers career opportunities available in business information management, computing technology for business, and connecting through the internet. Additionally, students will learn to work with documents, spreadsheets, presentation programs, and

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databases, how to design web pages, and project management skills. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the business information management industry.

Computer Applications (Apex)
Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of web publishing and design, spreadsheets, and database software.
This course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.
Computer Applications is an introductory level Career and Technical Education course applicable to programs of study in Business Management and Administration, Information Technology, and other career clusters. This course is built to state and national standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Human Resources Principles (Apex)
Human Resources Principles examines the main functions of human resources management, including planning, recruitment, selection, training, development, compensation, and evaluation. In so doing, the course provides students with the tools to hire, manage, and fire employees. Students also explore the unique role of human resources in a larger organization.
This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students create a recruiting plan, develop a strategy to promote a positive organizational culture, and analyze the impact of globalization on human resources. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for the workplace. In addition, students evaluate the qualifications required for specific careers so they can identify opportunities of interest to them.
Human Resources Principles is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the business management and administration career cluster. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate Professional in Human Resources™, Certified Administrative Manager, or Certified Associate in Project Management (CAPM)®.
This updated course was originally created for Apex Courses and is now available in Courseware.

Information Technology Applications (Apex)
Information Technology Applications prepares students to work in the field of information technology. Students demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the internet, web publishing, spreadsheets, and database software. Through a series of hands-on activities, students learn what to expect in the field of information technology and begin exploring career options in that field.
Information Technology Applications is an introductory level Career and Technical Education course applicable to programs of study in information technology as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel, and Microsoft Access, as well as IC3 certification.

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This updated course was originally created for Apex Courses and is now available in Courseware.

International Business
International Business is a one-semester course that covers the fundamentals of international business, international business transactions, and how a business can go global. In this course, students will learn about international business and how globalization has impacted it. They will learn about global trade and investment policies, and politics and laws that impact international business. Students will also learn about the International Monetary Fund, foreign exchange and global capital markets, key world economies, and economic cooperation across countries. The course also covers strategies to enter the international market along with factors like strategic planning, marketing, global sourcing, and logistics, human resource management, and employability skills. Students also learn about the cultural elements involved in conducting international business.

Introduction to Business and Technology (Apex)
Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students also learn the essentials of working in a business environment, managing a business, and owning a business.
This course allows students to explore careers in business and information technology while learning skills applicable to any professional setting. Through a variety of hands-on activities, students engage with word processing, presentation, and spreadsheet software and explore operating systems, networking, and the internet. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for the workplace. In addition, students evaluate the qualifications required for specific careers so they can identify opportunities of interest to them.
Introduction to Business and Technology is a full-year introductory Career and Technical Education course applicable to programs of study in the business management and administration and the information technology career clusters, as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel, and Microsoft Access, as well as IC3 certification.
This updated course was originally created for Apex Courses and is now available in Courseware.

Legal Environment of Business (Apex)
Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large.
This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students prepare legal documents, create a compliance plan, and research consumer protection issues. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students evaluate the qualifications required for specific careers so they can identify opportunities of interest to them.
Legal Environment of Business is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the business management and administration career cluster. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Accredited Legal Professional, Certified Administrative Manager, or Certified Associate in Project Management®.
This updated course was originally created for Apex Courses and is now available in Courseware.

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Management Fundamentals (Apex)
Management Fundamentals explores the main functions of managing activities and personnel in a business environment. Students gain awareness about the nature of human resources and training and development, as well as the legalities of business and the nature and sources of law affecting managerial administration. With a greater understanding of contracts, government relations, and the ability to mechanize ethically the relationships between employees, consumers, and business interests, students enter the world of business administration prepared for the challenges of maintaining a worthwhile and positive organization.
This full-year course is applicable to the business management and administration program of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students may take this course to satisfy the Concentrator A option in the aforementioned pathway.
This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Business Management (Apex)
Principles of Business Management prepares students for the responsibilities of starting and managing a business in today's economic climate. Students interact with the mechanisms of management systems from the perspective of business leadership, with emphasis on honing their technical toolset to operate effectively in a changing landscape. Students also develop a functional awareness of the economic relationship between finance and marketing and attain an understanding of what it takes to both start and ethically run an enterprise with organizational goals in mind.
This full-year course is applicable to both the finance and business administration programs of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students who complete this course will be prepared to take the Concentrator A options in either aforementioned pathway.
This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Business, Marketing, and Finance (Apex)
Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society. They also develop an understanding of the marketplace and product placement and promotion. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends.
Using hands-on activities, students reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution, and management, while also focusing on economics and interpersonal skills. This course also addresses exploring career options in business and marketing as well as securing and keeping a job.
Principles of Business, Marketing, and Finance is a full-year Career and Technical Education course for programs of study in business management and administration. This course is built to state and national standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Business, Marketing, and Finance A/B
Principles of Business, Marketing, and Finance is designed as a practical, hands-on guide to help students understand the skills required to achieve success in modern-day careers in business, marketing, and finance industries. Topics covered include the fundamentals of business management, sales, marketing, international business, business law, ethics and safety, and resource management. This course makes practical, real-life applications of essential business principles understandable and useful in the daily lives of students and in the careers that they choose.

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Professional Communications
The Professional Communications course is designed to enable all students at the high school level to develop communication skills they will need to be successful in a profession. Students learn about the key aspects of the communication process. They learn to apply communication protocol and appropriate language skills in professional and social communication. Students also explore effective strategies to address diversity in communication. Finally, students familiarize themselves with reading, writing, speaking, and listening skills. This course covers topics such as commination in business organizations and technology for communication. The course is based on Career Technical Education (CTE) standards designed to help students prepare for communication in a wide range of professions.

Information Technology

CompTIA A+ (220-1001)
This course is focused on the exam objectives of CompTIA A+ (220-1001). Students will learn about computer hardware and networking, including concepts related to virtualization and cloud computing. Students will learn about mobile devices and their features. Students will learn how to identify and troubleshoot problems related to hardware, networking, printers, storage devices, and mobile devices.
Unit activities in the course help students to develop and apply critical thinking skills. Animations and screenshot-based slideshows included in the lesson keep students engaged. Students can understand technical concepts easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA A+ performance-based questions. Practice test at the end of the course help students to practice questions that are parallel to the CompTIA A+ (220-1001) certification exam.

CompTIA A+ (220-1002)
This course is focused on the exam objectives of CompTIA A+ (220-1002). Students will learn about the features and tools in Windows, Mac/Linux, and mobile operating systems. Students will learn about security, cloud computing, and operational procedures. Students will also learn how to use remote access tools and identify and troubleshoot problems related to operating systems, security, and mobile applications.
Unit activities in the course help students to develop and apply critical thinking skills. Animations and screenshot-based slideshows included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA A+ performance-based questions. Practice test at the end of the course help students to practice questions that are parallel to the CompTIA A+ (220-1002) certification exam.

CompTIA Cloud Essentials+ Certification (CLO-002)
CompTIA Cloud Essentials+ Certification (CLO-002) covers the exam objectives of the CompTIA Cloud Essentials+ certification exam. Students begin by identifying cloud service models and deployment models. The course then covers cloud networking concepts, cloud storage technologies, and cloud design. It explains cloud assessment methods, vendor relations in cloud adoptions, and cloud migration approaches. It also describes the benefits of using cloud services. Finally, the course covers data management, DevOps, and financial expenditures in a cloud environment.
The lesson activities, unit activities, course activity, and course project help students develop and apply critical thinking skills. The videos and animations keep students engaged. And the practice test at the end of the course gives students the opportunity to work through questions similar to those on the CompTIA Cloud Essentials+ certification exam.

CompTIA Cloud+ Certification A/B (CV0-003)
CompTIA Cloud+ Certification (CV0-003) covers the exam objectives of the CompTIA Cloud+ certification exam. Students begin in semester A by identifying cloud service models and deployment models. The course then

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covers high availability, scaling, network security, application security, user security, and data security in cloud environments. Students learn how to integrate components and provision storage in a cloud environment. At the end of semester A, they explore cloud networking solutions and cloud migrations.
In semester B, students learn how to configure logging, monitoring, and alerting to maintain cloud operations. They explore how to optimize and maintain efficient operation of a cloud environment. The course also covers automation, orchestration, and disaster recovery. Finally, students learn to troubleshoot issues related to security, deployment, connectivity, performance, and automation.
The lesson activities, unit activities, course activity, and course project help students develop and apply critical thinking skills. The videos and animations keep students engaged. And the practice test at the end of the course gives students the opportunity to work through questions similar to those on the CompTIA Cloud+ certification exam.

CompTIA Network+ Certification (N10-007) A/B
This course is a two-semester course focused on the exam objectives of CompTIA Network+ Certification (N10-007). Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, routing, and switching. Students will learn about wireless technologies, virtualization, cloud concepts, and network services. Students will learn about network cables, connectors, network devices, network storage technologies, and wide area networks. Students will learn about network documentation, network monitoring, and remote access methods. Students will learn about business continuity, disaster recovery methods, physical and logical security methods. Students will learn how to secure a wireless network. Students will also learn about network attacks, and various device hardening and mitigation techniques. Finally, students will learn how to troubleshoot issues related to wired connectivity, wireless connectivity, and network services. Unit activities in the course help students to develop and apply critical thinking skills. Animations included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA Network+ performance-based questions. Practice Test at the end of the course help students to attempt questions that are similar to CompTIA Network+ Certification (N10-007) exam.

CompTIA Security+ Certification (SY0-601) A/B
CompTIA Security+ Certification (SY0-601) covers exam objectives of CompTIA Security+ certification exam SY0-601. This course begins by describing security threats and attacks, and students learn about security concerns related to various types of vulnerabilities.
Additionally, this course covers security controls and cryptography, as well as enterprise and specialized systems security. Students then learn about application, network, and mobile device security, and account management and authentication. Finally, this course explores the incident response life cycle and mitigation techniques along with organizational security and risk management.

Computer Programming 1 A/B
Computing for College and Careers is intended as a practical, hands-on guide to help students understand basic computer skills required in their college education as well as in their career. This course covers basic computer hardware components, software applications, productivity applications such as word processing software, spreadsheet software, and presentation software, and new hardware and software technologies such as virtualization, cloud computing, green computing, and blockchain technology. This course also explores various career options and provides guidelines on privacy, security, and ethical issues related to software and internet use.

Computer Science Essentials (Apex)

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Computer Science Essentials offers a focused curriculum designed around foundational computer science concepts, including computer systems, programming, networks, and data management. The course also introduces students to foundational computer science skills such as coding, troubleshooting, and being a responsible digital citizen.
Course topics include the history and impact of computers; careers in computer science; computing laws and ethics; bias and equity issues in computing; algorithms and coding; data storage, organization, and analysis; hardware and software; robotics; networks and the internet; cybersecurity and online safety; website design; and the use of abstraction in computing. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment.
A variety of activities encourage students to explore different aspects of computer science. Lab activities guide students through coding their own programs. Project and explore activities reinforce critical thinking, research, writing, and communication skills. In addition, project activities guide students through the development of different types of computer artifacts. In discussion activities, students conduct research on current computing topics and then exchange ideas with their peers. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing, reasoning, and computer literacy skills.
This course is built to state standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Introduction to Cybersecurity
Introduction to Cybersecurity introduces students to the field of cybersecurity, focusing primarily on personal computer use and vulnerabilities while also highlighting the wider scope of cybersecurity from a societal and career perspective. Specific topics include computer security, VPN and wireless security, risk management, and laws, standards, and ethics related to cybersecurity

Networking Fundamentals A/B
This course is a two-semester course focused on the concepts of networking. Students will learn about careers in networking and employability skills required for a career in networking. Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, and Internet of Things (IoT) technologies. Students will learn about networking devices, cables, media, and connectors. Students will learn to set up a small wired network. Students will learn about network security threats and preventive measures to secure a network. This course also covers network planning, administration, troubleshooting, and maintenance. Students will learn about wireless networking standards and access methods. Students will learn to set up and secure a wireless network. Students will learn about virtual private networks and cloud computing. Students will also learn to troubleshoot issues related to wired and wireless networks. Unit activities in the course help students to develop and apply critical thinking skills. Animations included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps.

Principles of Information Technology (Apex)
Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software.
This course allows students to explore careers in information technology and business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Students will learn what to expect in the field of Information Technology and begin exploring career options in the field. Regular

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engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.
Principles of Information Technology is a full-year introductory Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access*, as well as IC3 certification.
*Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries.
This course was originally created for Apex Courses.

Principles of Information Technology A/B
The Principles of Information Technology course is designed to enable students at the high school level to develop the critical skills and knowledge necessary in the information technology industry. Students will be exposed to the fundamentals of computer systems, and will learn how to use the internet, word processors, presentation software, spreadsheets, and databases. Additionally, students will learn about computer programming, computer networks, and web design and development. Finally, students will explore different career pathways in the field of information technology and identify the key skills and certifications needed for these careers.

Security Fundamentals A/B
Security Fundamentals is designed to enable students at the high school level to develop the critical skills and knowledge necessary for careers in cybersecurity. Students will learn about the basic concepts of cybersecurity, basic computer components, file management, types of networks, Open Systems Interconnection (OSI) model, network protocols, and IP addresses.
This course then covers security threats, prevention methods, and legal and ethical issues in cybersecurity. After gaining an understanding of security agencies, security topologies, quality control systems, and physical security devices, students will explore securing network devices, data security, data backup and recovery, and risk management.

Human Services

Child Development and Parenting A/B
Child Development and Parenting is designed to familiarize students with the various stages of child development as well as the factors that may prevent the healthy development of a child. This course explores the development, health, nutrition, and safety of children at various stages. In addition, the course covers career opportunities in the field of childcare and development.

Introduction to Military Careers
Introduction to Military Careers is a one-semester course that introduces the US military and describes each of its branches, which include the National Guard, Army, Navy, Marine Corps, Coast Guard, and Air Force. Students will learn about the relationship of the military reserve to the branches of the military. The course covers non-combat careers in the military, such as military intelligence, information technology, health care, legal services, logistics, aviation, and transportation, and other specialized careers. This course also covers enlistment and fitness requirements for military careers and personal traits that are essential for success in the military. The lessons in the course provide students with both breadth and depth, as they learn about the US Military. Online discussions and course activities require students to develop and apply critical thinking skills while appealing to a variety of learning styles and keep students engaged.

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Personal Finance
Personal Finance is a one-semester course that teaches financial literacy skills to help students plan and achieve career and personal goals. This course focuses on consumer economics, financial services, and personal financial management. Students learn how to budget, spend, invest, and make every day financial decisions. The course also provides an exploration of careers in personal finance and consumer services.

Personal Financial Literacy
Personal Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing among banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget. As a social studies course, Financial Literacy is designed to complement courses in Economics and Mathematics for Personal Finance.

This course is built to state standards and further informed by standards from the Council for Economic Education's National Standards for Financial Literacy and the Jump$tart Coalition for Personal Financial Literacy's National Standards in K-12 Personal Finance Education.
This course was originally created for Apex Courses.

Principles of Human Services A/B
The Principles of Human Services course is designed to enable students at the high school level to develop the critical skills and knowledge necessary in the human services industry in careers such as childcare, family services, and personal care services. Students will learn about various personal characteristics that they need to demonstrate in the workplace, such as integrity, and positive work ethics. This course covers topics such as employability skills, counseling and mental health services, and consumer services. The course is based on Career Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in the human services field.

Psychology A/B
Psychology gives your students an overview of the history of psychology while also giving them the resources to explore career opportunities in the field. Students will learn how psychologists develop and validate theories and will examine how hereditary, social, and cultural factors help form an individual’s behavior and attitudes. Students will also evaluate the effectiveness of different types of psychological counseling and therapy and describe key statistical concepts used in psychological research and testing. Finally, students will identify and explore career opportunities in psychology.

Relationships and Emotions A/B
Relationships and Emotions is a two-semester course that focuses on various facets and complexities of relationships and emotions. The course begins with an explanation of the importance of communication skills in building relationships. It then delves into problem-solving, critical thinking, time management, and goal setting —all skills essential for a fulfilling life. The course next explores different kinds of relationships, including familial and other common societal relationships, while distinguishing between healthy and unhealthy relationships. In addition, the course discusses conflict resolution, support systems, self-esteem, and self-management strategies.
Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

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**Semester B will release in December.*

Sociology
In the Sociology course, students will explore the evolution of sociology as a distinct discipline while learning about sociological concepts and processes. They will learn how the individual relates to and impacts society. Students will also learn about the influence of culture, social structure, socialization, and social change on themselves and others. The course combines a variety of content types, including lessons, activities, and discussions to engage learners as the discover sociology as a subject and as a career.

Health Science

Allied Health Careers A/B
Allied Health Careers focuses on the health care delivery system and careers in allied health services. In semester A, students begin by learning the structures and functions of various body systems. They explore common diseases and disorders of each system and discuss strategies and factors that influence overall health and wellness. In addition, semester A covers medical terminology, diagnostic imaging techniques, electrocardiography, common laboratory tests, and respiratory care.
Semester B focuses on the skills and knowledge needed by allied health professionals in various health care fields. It also covers information concerning safety, law, and ethics in health care settings. In addition, students learn important workplace skills related to communication, teamwork, and leadership.
The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos keep students engaged. And the practice test at the end of the course helps students reinforce their understanding of key concepts.

Anatomy and Physiology A/B
Anatomy and Physiology focuses on the anatomy and physiology of the human body. Students learn about the organization and structure of the body, common medical terminology, and the structures and functions of cells and tissues. They also learn about the common diseases and disorders associated with the systems of the body.

The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Applied Medical Terminology A/B
Applied Medical Terminology helps students understand the structure and meaning of medical terms and identify medical terminology associated with various body systems. As the health care industry becomes more complex, developing expertise in accurately and efficiently identifying medical terms and their specific application is essential to a growing variety of health care careers. This course begins to prepare your students for those careers.

Certified Nurse Aide A/B
The course is designed to enable students to learn the key skills and information that they need to work as certified nurse aides. The course will help students develop an understanding of the human body, physical and nutritional needs, mental health needs and teach them to provide culturally competent and quality care to clients in a safe and healthy environment. The course is based on the NNAAP Exam syllabus and is designed to prepare students to take the exam and become certified nurse aides. The course has animations and videos

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that demonstrate key skills that students must acquire to work as nurse aides. The practice test at the end of the course gives students practice on the written exam that they'll need to give to become certified nurse aides.

Exercise Science A/B
Exercise Science focuses on providing a solid foundation in exercise science to students interested in careers such as athletic training, personal training, physical therapy, nutrition, and recreational therapy. Students explore the concepts of biomechanics and kinesiology, as well as the anatomy and physiology of various body systems. Students identify common diseases and disorders of each system and discuss the diagnosis, prevention, and treatment of these diseases and disorders. Students will also discover how to perform fitness and biometric measurements, complete client evaluations, and design client exercise and rehabilitation programs. In addition, the course covers the basics of nutrition, physical activity, and wellness.
The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Health Information Management A/B
Health Information Management introduces students to the U.S. healthcare system and the basic concepts related to health information management. Students will gain an understanding of information systems in health care; the evolving role of health data in health information systems; and how professionals in this field use data to support the clinical, financial, administrative, and research functions of an organization.
This course offers students insight into career opportunities in health information management and opportunities for advancement and employability skills for a successful career. Students will also learn about the key laws, regulations, and ethical standards that govern professionals in health information, such as the Health Insurance Portability and Accountability Act (HIPAA), the American Health Information Management Association (AHIMA) Code of Ethics, and laws on worker safety.

Health Science 1 A/B
Health Science 1 is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in careers in the health science industry. The course will engage students to understand the basic structure and function of the human body, biomolecules such as proteins, carbohydrates, and lipids, and biological and chemical processes. Students will also learn to identify and analyze diseases and medical procedures related to each body system, while developing an understanding of medical terminology.

Health Science 2 A/B
Health Science 2 is designed to enable students to learn the basics of health science. In the course, students will develop an understanding of the academic qualifications, personal skills, training, and use of healthcare tools required to work in the healthcare industry. The course is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in the healthcare industry.

Medical Coding and Billing A/B
Medical Coding and Billing prepares high school students for a career as a medical coding and billing specialist. The topics covered in this course provide a strong foundation for students planning to take a certification exam, such as the Certified Professional Coder (CPC) exam or the Certified Coding Associate (CCA) exam.
This course presents an overview of the U.S. healthcare delivery system and explains what medical coders and billers do to keep this system operating efficiently. After a review of the anatomy and physiology of humans, students will then explore medical coding and billing jobs in different settings, including hospitals, physicians'

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offices, and insurance companies. This course also provides coverage of the ICD-10-CM, CPT®, HCPCS, and ICD-10-PCS coding systems and an overview of the medical billing process and healthcare revenue cycle management.

Medical Therapeutics A/B
Medical Therapeutics focuses on identifying employment and entrepreneurial opportunities in medical therapeutics. Students create a career plan and develop a variety of skills related to communication, teamwork, and leadership. They also learn about laws, ethics, and workplace and equipment safety, as well as electronic health records and the health care delivery system. Students also explore the major body systems and identify common diseases and disorders of each system. Finally, students demonstrate proficiency in the use of medical terminology.
The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The end-of-semester test at the end of the course helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Principles of Health Science (Apex)
Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine.
Students focus on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership. In addition, students expand their understanding of health and safety systems, learn how to address emergency situations, and deal with infection control issues. Students also explore medical science topics, terminology, procedures, and regulations — including an overview of physiology and medical measurements.
Using real-life scenarios and application-driven activities, students learn the responsibilities and challenges of being health care professionals and deepen their knowledge of various career options. In addition to building their understanding of technical concepts and skills, students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the health care industry and extend their knowledge of oral and written communication in health science.
Principles of Health Science is a full-year Career and Technical Education course for programs of study in health sciences. This course is built to state and national standards.
This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Health Science A/B
With an engaging and interactive instructional approach, the Principles of Health Science course provides students with a comprehensive overview of health science topics and careers. Health science professionals are in increasing demand, and this course is an effective way to introduce students to a wide array of health science careers. Students will learn about the history of health care in the United States, job opportunities in the five healthcare systems, the qualifications and skills required to work in the healthcare sector, and factors that are important in a workplace environment such as communication skills, knowledge of laws and ethics related to health care, and knowledge of health and wellness. Additionally, the course covers medical terminology, human anatomy, homeostasis, and different stages of human life.

Rehabilitation Careers A/B

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Rehabilitation Careers focuses on the skills and knowledge needed by professionals in rehabilitation therapy. Students are introduced to various careers in rehabilitation and learn about employment opportunities in this field. They learn about the anatomy and structure of the human body and common medical terminology. In addition, students will discover patient care skills, how to estimate insurance costs for patients, and safety guidelines for working in a rehabilitation career.
The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Hospitality and Tourism

Culinary Arts A/B
Culinary Arts is intended to help students gain an understanding of the history and development of the culinary arts as well as practical skills for careers in the culinary industry. This course covers the basics of nutrition, health, safety, and sanitation and the basic science principles used in cooking. Students will be exposed to the culinary skills required to make a variety of food items. Additionally, students will become familiar with menu planning, food presentation, different service styles, and kitchen management skills. This course is based on Career and Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in the culinary industry.

Food Handler and Food Manager Certifications
The Food Handler and Food Manager Certifications course helps students learn what they need to know to be successful in the National Restaurant Association (NRA) ServSafe® Food Handler and Manager Certification exam. The five units of the course arm students with the knowledge and skills to provide safe food to customers as a food handler or a food manager. Key topics include the principles of food safety, hygiene practices, time and temperature control, food procedures from initial purchasing to final serving, procedures for cleaning and sanitizing, and food service inspection protocols.

Hospitality Management A/B
Hospitality Management is a two-semester course that focuses on the knowledge and skills needed by professionals in the hospitality and tourism industry. Students are introduced to the history of this vibrant industry, its economic significance, and its social and environmental impact. They learn about the various segments of the industry, including the departments of a hotel, tourism, and conventions and meetings. Students also explore management functions, such as staffing and leadership.
Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Nutrition and Wellness
Nutrition and Wellness is a one-semester introductory course that covers the basics of nutrition and health. The course introduces students to nutrients, their food sources, their functions, nutrient recommendations, and food labeling. Students will learn about the digestive and metabolic processes in the human body and discuss factors that affect health, wellness and fitness, and the nutritional needs through the life and for specific conditions. Food management principles, such as safe food handling practices, foodborne pathogens and illnesses, food

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preparation and presentation techniques, menu planning, and technological advances and marketing trends in the food industry are covered in this course. Finally, students will explore career options in the field of nutrition and wellness and learn about goal setting, planning a career, and workplace skills and ethics.

Principles of Hospitality and Tourism A/B
The hospitality and tourism industry offers a dynamic career path that will pique the interest of many of your students. This course emphasizes learning the practical aspects of the industry and promotes the development of critical-thinking skills required in real-world situations. The 14-lesson course will introduce your students to the basics of hospitality and tourism, and will help them evaluate their skills and prepare for a career in this growing and exciting industry.

Sports and Entertainment Marketing
Sports Entertainment and Marketing is a one-semester course is intended to help students gain an insight into the field of sports, entertainment, and recreation marketing. This course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills.

General

Career Explorations
Career Explorations is intended as a practical, hands-on guide to enable students to explore career opportunities in different career clusters and pathways. In addition to exploring career options, students will develop an academic and career plan, learn essential skills for success in college and a variety of careers, and prepare to enter the job market. Career Explorations also helps students build confidence as they prepare to embark on their chosen careers.

Computing for College and Careers A/B
Computing for College and Careers is intended as a practical, hands-on guide to help students understand basic computer skills required in their college education as well as in their career. This course covers basic computer hardware components, software applications, productivity applications such as word processing software, spreadsheet software, and presentation software, and new hardware and software technologies such as virtualization, cloud computing, green computing, and blockchain technology. This course also explores various career options and provides guidelines on privacy, security, and ethical issues related to software and internet use.

Essential Career Skills
Essential Career Skills is a one-semester course that teaches the skills required to achieve success in modern-day careers. Students will learn about personal qualities and people skills that are important in the workplace, such as work ethic, integrity, teamwork, and conflict resolution. Additionally, students will practice skills in communication, math, problem-solving, and critical thinking. The course then covers the structures and functions of business organizations, time, task, and resource management skills, and workplace safety laws and standards. Students will then explore career goals and job opportunities and
become familiar with various technologies used to perform job-specific tasks in an organization.

Agriculture, Food, and Natural Resources

Forestry and Wildlife Management A/B
Forestry and Wildlife Management is a two-semester course that begins by identifying employment and entrepreneurial opportunities in forestry, wildlife, and natural resource management. Students learn about

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safety hazards and procedures in the industry. They also learn about soil, mineral, plant, water, forest, and wildlife management, as well as the laws that govern these professions. In addition, students learn about the tools and practices used in forestry and wildlife management careers. Finally, they learn about the carrying capacity of rangelands and the consequences of overgrazing.
Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Foundations of Green Energy A/B
This is a two-semester course for high school students who want to understand the rapidly growing and evolving energy field, with special emphasis on electrical energy and on new and emerging energy technologies. The course is designed to address state standards in the Energy and STEM domains as well as the Energy Industry Fundamentals Certificate Program (EIFCP) standards developed by the Center for Energy Workforce Development (CEWD). Unit topics include the energy industry; energy science and efficiency; electrical generation, transmission, and distribution; conventional, alternative, and emerging energy sources; health, safety, and security issues; and energy careers and pathways, from entry level to professional.

Introduction to Marine Biology
Introduction to Marine Biology is designed to introduce students to oceanic features and processes, ocean habitats and ecosystems, life forms in the ocean, and types of interactions in the ocean. Students will learn about the formation and characteristic features of the oceans. They will learn about the scientific method and explore careers available in marine biology. The course then covers the characteristic features of different taxonomic groups, habitats, life forms, and ecosystems that exist in the oceans and different adaptations marine creatures possess to survive in the ocean. Students will learn about succession and the flow of energy in marine ecosystems, as well as the resources that the oceans provide and the threats that the oceans face from human activities.

Introduction to Veterinary Science
Introduction to Veterinary Science is designed to introduce students at the high school level to the fundamentals of veterinary science. The students will explore the history of veterinary science and the skills and requirements for a successful career in the veterinary industry. They will also explore the anatomy and physiology of animals, learn how to evaluate animal health, and determine effective treatments for infectious and noninfectious diseases in animals. Additionally, they will learn about zoonotic diseases, and the impact of toxins and poisons on animal health.

Natural Resources A/B
Natural Resources is a two-semester course that focuses on the sustainable management of natural resources such as air, water, minerals, energy sources, soil, and land. The course begins with an introduction to types of natural resources, including biotic, abiotic, renewable, and nonrenewable resources, as well as their geographic distribution and uses. It explores how human activities affect the availability of natural resources and examines the environmental and economic consequences of natural resource use and overuse. In addition, the course covers soil, land, forest, and rangeland management. Students will discover career options and the skills needed within the natural resources industry, as well as workplace safety regulations. Finally, the course examines the laws and regulations that govern natural resource use and management.

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Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

**Semester B will release in December.*

Principles of Agriculture, Food, and Natural Resources A/B
In the Principles of Agriculture, Food, and Natural Resources course, students will learn about various career options in the agriculture, food, and natural resources industries. They will learn about technology, safety, and regulatory issues in agricultural science. They will also learn about topics related to agriculture, such as international agriculture and world trade, sustainability, environmental management, research, development, and future trends in the industry. The course helps students understand how the rising demand for sustainable food sources can be met while also meeting the challenge of producing higher yields to feed a growing world.

STEM

Biotechnology A/B
Biotechnology focuses on the fundamentals of biotechnology. In semester A, students become familiar with the basics of cell biology and molecular biology. They describe the structures and functions of DNA, RNA, and proteins, and they are introduced to the concepts of polymerase chain reactions, recombinant DNA technology, and protein engineering. Finally, students learn the significance of safety protocols in the laboratory and apply advanced laboratory techniques to perform an experiment.
Topics covered in semester B include genetics, regulations that apply to biotechnology, and biotech careers. Students learn about the contributions of various scientists, the importance of the discovery of DNA, and genetic engineering. They explore biotechnology in industry, agriculture, and medicine and discuss the latest trends in the field and its impact on society.
The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos keep students engaged. Simulations help students practice various laboratory techniques. And the practice test at the end of the course helps students reinforce their understanding of key concepts.

Electronic Communication Skills
Electronic Communication Skills is a one-semester course that is based on Career and Technical Education (CTE) standards to help students prepare for entry into a wide range of careers and/or into postsecondary education. The course is designed to enable students at the high school level to develop electronic communication skills that they can use in their careers. Students will learn computer basics, keyboarding techniques, working with documents and presentations, and safe use of the internet.

Game Development
Game Development teaches students the ins and outs of game development to prepare them for a career in the field. This course covers the history of video games, character development, mobile game design, user interface design, social gaming, and the principles of development design and management methodologies. While fun and highly engaging, the course focuses on laying a strong foundation for a career in game development.

Introduction to Android Mobile App Development
Introduction to Android Mobile App Development is a one-semester course that familiarizes students with the knowledge, skills, and training required for a career in Android mobile app development. This course introduces the process involved in creating a mobile app and provides a tour of the history of and upcoming trends in

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mobile app development. The course provides students the opportunity to explore how to start a mobile app development company. Finally, the course culminates in students creating a new project in Android Studio, creating the user interface of an app, and making it interactive in Android Studio.

Introduction to Astronomy
Introduction to Astronomy is a one-semester course that is designed to enable students to learn the basics of astronomy. The course begins with coverage of the history of astronomy from ancient times to modern times. Student then learn to identify the movements of the Sun, Moon, planets, and stars across the sky and to describe the formation of the solar system and the role of the Sun and Moon in the solar system. The course goes on to cover the causes of seasons on Earth and why Earth can sustain life. The course culminates in a study of the stars, galaxies, and the Milky Way, various theories of cosmology, and advantages and disadvantages of space exploration. The target audience for this course is high school students.

Introduction to iOS Mobile App Development
Introduction to iOS Mobile App Development is a one-semester course that familiarizes students with the knowledge, skills, and training required for a career in iOS mobile app development. This course introduces the process involved in creating a mobile app and provides a tour of the history of and upcoming trends in mobile app development. The course provides students the opportunity to explore how to start a mobile app development company. Finally, the course culminates in students learning about the iOS development environment, creating the user interface of an app, and making the app interactive in Xcode.

Principles of Engineering and Technology A/B
The Principles of Engineering and Technology course provides students with essential STEM knowledge and an effective overview of STEM careers. Students will become familiar with engineering systems and technologies, the process of engineering design, and manufacturing technologies and processes. Additionally, the course covers communication skills and team and resource management.

Revolutionary Ideas in Science
Revolutionary Ideas in Science is a one-semester course with lessons that cover the discoveries and inventions in science from pre-historic to present times. This course covers topics such as: prehistoric science, technology, ancient and medieval science, the scientific revolution, thermodynamics and electricity, and many more.

Robotics I A/B
This two-semester course is focused on the concepts related to robots and how to construct a robot. Students will learn about the history and applications of robotics. Students will learn about the job opportunities and employability skills in the field of robotics. Students will also learn about the basic concepts of six simple machines, electricity, electronic circuits, Boolean algebra, magnetics, and their applicability to robotics. Students will apply safety procedures and construct a simple robot. Students will also learn about project management and engineering design process. Students will learn about the programming languages used in robotics. Students will create a simple robotic arm. Students will also construct a robot using programming. Student will learn about ethics and laws related to robotics. Students will also learn how to test and maintain a robot. Online discussions and unit activities require students to develop and apply critical thinking skills, while the included games appeal to a variety of learning styles and keep students engaged.
Required lab materials note: This course contains hands-on labs that employ relatively-common household materials to provide a valuable laboratory experience. Please refer to the Student Syllabus or Teacher's Guide for a detailed list of required lab materials and options for purchasing kits.

Web Technologies A/B
The Web Technologies course provides student with the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons on topics such as design principles, graphics, and web

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standards help students understand the elements of effective and dynamic web design. Students will create web pages in HTML, use JavaScript to create basic scripts, create DHTML and XML documents, and use a WYSIWYG editor. Finally, students will learn how to launch a website and describe the administration of web servers.

Transportation, Distribution, and Logistics

Principles of Transportation, Distribution, and Logistics A/B
Principles of Transportation, Distribution, and Logistics will introduce your students to an industry that delivers what people want, when and how they want it. The TDL industry is essential to creating global economic growth through increasingly more efficient delivery of goods and services. This course will help to develop both the quantitative and qualitative skills and knowledge required for students to prepare themselves for a successful TDL career. The course also addresses the relevant logistical and geopolitical issues that impact global trade.

Government and Public Administration

Principles of Government and Public Administration A/B
Principles of Government and Public Administration is designed to enable students at the high school level to explore career opportunities in the field of government and public administration and the career-related skills they need to possess as professionals in this field. Students will learn about the history and development of the US Constitution, the functions of government and public administration in the United States and working conditions necessary for safety in the field of government and public administration. This course covers topics such as: the influence of geography and technology, and networking and communication as they relate to government and public administration. The course is based on Career and Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in government and public administration industry.

Arts, A/V, Technology, and Communications

Audio/Video Production 1 A/B
Audio/Video Production 1 is designed to enable students to learn the basics of audio/video production. The course will help students develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities, video production (including using advanced techniques), and careers and ethics in audio/video production. The course is based on Career and Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the audio/video production industry.

Audio/Video Production 2 A/B
Audio/Video Production 2 is designed to enable students to develop the knowledge and skills related to audio/video techniques that they can use in their careers. This course covers the elements of audio/video production, preproduction activities, production activities, postproduction activities, media production techniques, media formats and distribution, and media ethics and critique. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the audio/video production industry.

Audio/Video Production 3 A/B
Audio/Video Production 3 is designed to enable students to understand basic concepts in audio/video manufacturing. Students will learn about preproduction techniques, advanced production techniques, advanced post-production techniques, mastering production techniques, special effects and animation, and audio/video

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careers and production laws. The course is based on Career Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in audio/video production.

Digital and Interactive Media A/B
Digital and Interactive Media is a comprehensive introduction to careers in the rapidly expanding world of digital art. The course covers creative and practical aspects of digital art as well as careers, training, and emerging technologies in digital media. Students will learn concepts involved in digital media, such as graphic design, principles of design, digital printing, digital communication systems, and digital publishing. This course explores various career options and students will create a digital portfolio.

Graphic Design and Illustration A/B
The Graphic Design and Illustration course allows students to develop an understanding of the industry with a focus on topics such as history of graphic design, types of digital images, graphic design tools, storing and manipulating images, design elements and principles, copyright laws, and printing images. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in careers in the graphic design industry.

Introduction to Fashion Design
Introduction to Fashion Design focuses on the practical aspects of career preparation in the fashion design industry. The lessons in the course provide students with both breadth and depth, as they explore the full gamut of relevant topics in fashion design. This course provides students insight on the history of fashion and its place in the modern world and helps students understand terms and concepts related to fashion. Students explore fashion forecasting, predicting consumer demand, pricing, and other activities involved in the fashion process from the inspiration for a garment to creating sketches until the final product takes shape.

Principles of Arts, Audio/Video Technology, and Communications A/B
Principles of Arts, A/V Technology, and Communications appeals to students' familiarity with a variety of sensory inputs and stimuli. With an emphasis on visual arts, the lessons in the course introduce learners to careers in design, photography, performing arts, fashion, and journalism, among others. This course covers inherently engaging topics that will stimulate your students as they consider careers in which the arts, technology, and communications intersect.

Professional Photography A/B
Few recent technical innovations have changed an industry as fundamentally as digital photography has changed everything about the way we capture our lives in the way we take, edit, store, and share pictures. Professional Photography provides a practical, hands-on guide to help students understand the skills required to achieve success in photography careers. This course will cover various topics, such as types of photography, using digital cameras, photographic lighting and composition, manipulating images, printing photos, darkroom development, evaluating photographs, and print production. By the end of the courses, students will learn how to create a photography portfolio.

Theater, Cinema, and Film Production
Theater, Cinema, and Film Production is a one-semester course that explores what goes into the making of a theater and film production. The course’s lessons focus on the pre-production, production, and post-production stages of theater and film productions. Students will be introduced to theater and film, and their different genres and subgenres. They will also learn about roles and responsibilities of the cast and crew, including the director, actors, screenplay writers, set designers, wardrobe stylists and costume designers, and makeup artists. The course also covers technical aspects, such as lighting and sound. Students will also learn about the influence of the audience on theater, cinema, and film production. The course combines a variety of content types, including

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lessons, activities, and discussions to keep students engaged as they discover the world of theater, cinema, and film production.

Education and Training

Principles of Education and Training A/B
Principles of Education and Training is designed to enable students at the high school level to learn the basics of education and training. Students will learn about various trends and factors that influence the education industry. This course introduces various career opportunities in the field of education. The course topics include personal and professional skills needed in various education careers, child growth and development, child health, delivering instruction, and technology in education. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the education industry.

Architecture and Construction

Drafting and Design A/B
Drafting and Design gives students a comprehensive look at the fundamental concepts of drafting and design. In this course, students will explore types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections, computer-aided design and drafting (CADD) operations, and the development of a prototype. This course features skill-embedded content that connects student learning to real-life experiences. Additionally, students will develop key professional and personal skills that are helpful in having a successful career in the field of drafting and design.

Principles of Architecture and Construction A/B
In the Principles of Architecture and Construction course, students will learn about various career options in the field. The course covers foundational concepts of architecture and construction such as architectural drawings, structure and loads, materials, and equipment used in architecture and construction. Students then learn the key concepts of urban design and its relationship with city government and about construction documents and standards. The course also covers workplace skills and ethics and basic computing skills.

Marketing

Entrepreneurship A/B
Entrepreneurship is course that is based on Career Technical Education (CTE) standards designed to help students understand the roles and attributes of an entrepreneur, marketing and its components, selling process, and operations management. In this course, students will explore entrepreneurship and the economy, marketing fundamentals, managing customers, production and operations management, money, and business law and taxation.

Introduction to Social Media
Introduction to Social Media is a one-semester course intended to familiarize students with the evolution and rapid growth of social media. The course explores different types of social media platforms, their features, and their benefits and risks. Students will learn about wikis and crowdsourcing and how social media is used for marketing. The course also covers online security and privacy risks, safety guidelines, and what it means to be a good digital citizen.

Marketing, Advertising, and Sales

AP College Board® Advanced Placement® Approval

Issues in marketing, advertising, and sales promotion are evolving rapidly in an increasingly digital environment. The Marketing, Advertising, and Sales course effectively helps your students prepare for a career in that environment through a comprehensive look at essential marketing principles, interactive tools and channels, and the growing impact of data in marketing and advertising. This course provides an overview of all the fundamental topics necessary to effectively put your students on a career path that unleashes their creativity and develops and leverages their critical thinking skills.

Law, Public Safety, Corrections, and Security

Introduction to Criminology
Introduction to Criminology is a one-semester course that is designed to enable students to understand basic concepts related to criminology. The target audience for this course is high school students. This course allows students to analyze and compare various theories related to criminology. Additionally, students will explore topics such as punishing offenders, deterring criminal behavior, and eliminating injustice with peace.

Introduction to Forensic Science
Introduction to Forensic Science is designed to introduce students to the importance and limitations of forensic science and explore different career options in this field. They also learn to process a crime scene, collect and preserve evidence, and analyze biological evidence such as fingerprints, blood spatter, and DNA samples. Moreover, they learn to determine the time and cause of death in homicides and analyze ballistic evidence and human remains in a crime scene. Finally, they learn about forensic investigative methods related to arson, computer crimes, financial crimes, frauds, and forgeries.

Principles of Law, Public Safety, Corrections, and Security A/B
The Principles of Law, Public Safety, Corrections, and Security course is intended as a practical, hands-on guide to help students understand the functioning of law enforcement agencies, courts, the correctional system, and security and emergency agencies. This course covers the history and development of criminal law in the United States, court procedures, the role of law enforcement agencies and private security in public safety, and the role of fire fighters and emergency responders. It also covers the ethical and legal responsibilities and working conditions in law enforcement and security. Through this course, students will understand the personal, professional, and technological skills required by professionals working in the fields of law, public safety, corrections, and security.

Manufacturing

Principles of Manufacturing A/B
Principles of Manufacturing is a course designed to help your students understand various manufacturing processes, concepts, and systems, and to introduce them to the various career paths available to them in manufacturing. This course emphasizes STEM principles while also covering practical aspects of manufacturing such as marketing and regulatory issues, as well as issues related to launching and managing a manufacturing business.

College & Career Readiness

ACT® English
The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

ACT® Mathematics

AP College Board® Advanced Placement® Approval

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

ACT® Reading
The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on.ACT® is a registered trademark of ACT, Inc.

ACT® Science Reasoning
The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

ACT® WORKKEYS
WorkKeys is a job skills assessment system that helps employers select, hire, train, and retain a high-performance workforce. WorkKeys scores help compare a learner's skills to the skills real jobs require. ACT WorkKeys assessments are divided into the following subdivisions:
ACT WorkKeys - Applied Mathematics - Leveled
ACT WorkKeys - Graphic Literacy
ACT WorkKeys - Workplace Documents
ACT and WORKKEYS are registered trademarks of ACT, Inc.

AP® Computer Science A
AP® Computer Science is designed to introduce students to the basic concepts of computer programming. Students learn how to compile and run a Java program. They learn to use arithmetic, relational, and logical operators. They learn to use different decision-making and loop statements. They learn to create classes, methods, String objects, and an ArrayList object. They learn to perform sequential search, binary search, selection sort, and insertion sort on an array. They learn to implement object-oriented programming design. They learn to implement inheritance, polymorphism, and abstraction. Further, they describe privacy and legality in the context of computing.
This course has been authorized by the College Board® to use the AP® designation.
*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

ASVAB Mathematics
The ASVAB is a test developed and maintained by the Department of Defense. ASVAB scores count toward the Armed Forces Qualifying Test (AFQT) score.

ASVAB Technology & General Science, Part 1
The ASVAB is a test developed and maintained by the Department of Defense. ASVAB scores count toward the Armed Forces Qualifying Test (AFQT) score.

ASVAB Technology & General Science, Part 2
The ASVAB is a test developed and maintained by the Department of Defense. ASVAB scores count toward the Armed Forces Qualifying Test (AFQT) score.

ASVAB Word Knowledge & Paragraph Comprehension
The ASVAB is a test developed and maintained by the Department of Defense. ASVAB scores count toward the Armed Forces Qualifying Test (AFQT) score.

College Board® Advanced Placement® Approval

Accuplacer® Mathematics
ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on course selection. ACCUPLACER® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

Accuplacer® Reading
ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on course selection. ACCUPLACER® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

Accuplacer® Writing
ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on course selection. ACCUPLACER® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

HiSET® Preparation - Language Arts - Reading Part 1
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Language Arts - Reading Part 2
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Language Arts - Writing Part 1
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Language Arts - Writing Part 2
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Mathematics Part 1
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Mathematics Part 2
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Science Part 1
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

AP College Board® Advanced Placement® Approval

HiSET® Preparation - Science Part 2
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Social Studies Part 1
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Social Studies Part 2
The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

Preparation for the GED® Test - Math
The GED exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

Preparation for the GED® Test - Reading Language Arts (RLA)
The GED exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

Preparation for the GED® Test - Science
The GED exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

Preparation for the GED® Test - Social Studies
The GED® exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

SAT® Mathematics
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. SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

SAT® Reading
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. SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

SAT® Writing and Language
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. SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

AP College Board® Advanced Placement® Approval

TABE® Language Level A
This course is aligned to the TABE exam objectives. The TABE – Language Level A course covers three units of content: Unit 1 – Language Structure and Mechanics, Unit 2 – Writing Strategies, and Unit 3 – Writing for the Workplace.

TABE® Language Level D
This course is aligned to the TABE exam objectives. The TABE – Language Level D course covers three units of content: Unit 1 – Language Structure and Mechanics, Unit 2 – Writing Strategies, and Unit 3 – Writing for the Workplace.

TABE® Language Level E
This course is aligned to the TABE exam objectives. The TABE – Language Level E course covers two units of content: Unit 1 – Language Structure and Mechanics and Unit 2 – Writing Strategies.

TABE® Language Level L
This course is aligned to the TABE exam objectives. The TABE – Language Level L course covers two units of content: Unit 1 – Language Structure and Mechanics and Unit 2 – Writing Strategies.

TABE® Language Level M
This course is aligned to the TABE exam objectives. The TABE – Language Level M course covers three units of content: Unit 1 – Language Structure and Mechanics, Unit 2 – Writing Strategies, and Unit 3 – Writing for the Workplace.

TABE® Mathematics Level A, Part 1
This course is aligned to the TABE exam objectives. The TABE – Math Level A, Part 1 course covers three units of content: Unit 1 – Intermediate Computation with Decimals, Fractions, and Percents, Unit 2 – Geometry and Measurement, and Unit 3 – Algebraic Concepts.

TABE® Mathematics Level A, Part 2
This course is aligned to the TABE exam objectives. The TABE – Math Level A, Part 2 course covers two units of content: Unit 1 – Advanced Algebraic Concepts and Unit 2 – Data Analysis, Probability, and Trigonometry.

TABE® Mathematics Level D
This course is aligned to the TABE exam objectives. The TABE – Math Level D course covers four units of content: Unit 1 – Number Concepts, Decimals, Fractions, and Percents, Unit 2 – Geometry and Measurement, Unit 3 – Data Analysis, Probability, and Trigonometry, and Unit 4 – Algebraic Concepts.

TABE® Mathematics Level E
This course is aligned to the TABE exam objectives. The TABE – Math Level E course covers four units of content: Unit 1 – Number Concepts and Computation, Unit 2 – Computation with Decimals, Fractions, and Percents, Unit 3 – Geometry and Measurement, and Unit 4 – Data Analysis and Problem Solving.

TABE® Mathematics Level L
This course is aligned to the TABE exam objectives. The TABE – Math Level L course covers two units of content: Unit 1 – Number Concepts and Unit 2 – Computation and Measurement.

TABE® Mathematics Level M
This course is aligned to the TABE exam objectives. The TABE – Math Level M course covers five units of content: Unit 1 – Number Concepts Unit 2 – Computation, Unit 3 – Intermediate Computation with Decimals, Fractions, and Percents, Unit 4 – Geometry and Measurement, and Unit 5 – Data Analysis and Problem Solving.

TABE® Reading Level A

AP College Board® Advanced Placement® Approval

This course is aligned to the TABE exam objectives. The TABE – Reading Level A course covers two units of content: Unit 1 – Reading Skills and Strategies and Unit 2 – Reading for Information.

TABE® Reading Level D
This course is aligned to the TABE exam objectives. The TABE – Reading Level D course covers four units of content: Unit 1 – Reading Skills and Strategies, Unit 2 – Vocabulary and Reading Comprehension, Part 1, Unit 3 - Vocabulary and Reading Comprehension, Part 2, and Unit 4 – Reading for Information.

TABE® Reading Level E
This course is aligned to the TABE exam objectives. The TABE – Reading Level E course covers three units of content: Unit 1 – Reading Skills and Strategies, Unit 2 – Vocabulary and Reading Comprehension, Part 1, and Unit 3 - Vocabulary and Reading Comprehension, Part 2.

TABE® Reading Level L
This course is aligned to the TABE exam objectives. The TABE – Math Level L course covers two units of content: Unit 1 – Number Concepts and Unit 2 – Computation and Measurement.

TABE® Reading Level M
This course is aligned to the TABE exam objectives. The TABE – Reading Level M course covers four units of content: Unit 1 – Reading Skills and Strategies, Unit 2 – Vocabulary and Reading Comprehension, Part 1, Unit 3 - Vocabulary and Reading Comprehension, Part 2, and Unit 4 – Reading for Information.

TASC Preparation - Language-Arts Reading Part 1
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Language-Arts Reading Part 2
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Language-Arts Writing Part 1
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Language-Arts Writing Part 2
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Mathematics Part 1
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Mathematics Part 2
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Science Part 1
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Science Part 2
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

College Board® Advanced Placement® Approval

TASC Preparation - Social Studies Part 1
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Social Studies Part 2
The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TEAS - Test of Essential Academic Skills: English
This course is aligned to the TEAS exam objectives. The TEAS English course covers four units of content: Unit 1 – Punctuation, Capitalization and Grammar, Unit 2 – Sentence Structure, Unit 3 – Contextual Words, and Unit 4 – Spelling.

TEAS - Test of Essential Academic Skills: Math
This course is aligned to the TEAS exam objectives. The TEAS Math course covers eight units of content: Unit 1 – Whole Numbers, Unit 2 – Metric Conversion, Unit 3 – Fractions and Decimals, Unit 4 – Algebraic Equations, Unit 5 – Percentages, Unit 6 – Ratio and Proportion, Unit 7 – Basic Geometry, and Unit 8 – Diagrams and Graphs.

TEAS - Test of Essential Academic Skills: Reading
This course is aligned to the TEAS exam objectives. The TEAS Reading course covers three units of content: Unit 1 – Paragraph Comprehension, Unit 2 – Passage Comprehension, and Unit 3 – Inferences/Conclusions.

TEAS - Test of Essential Academic Skills: Science
This course is aligned to the TEAS exam objectives. The TEAS Science course covers seven units of content: Unit 1 – General Science and Scientific Reasoning, Unit 2 – Biology, Unit 3 – Anatomy and Physiology, Unit 4 – Chemistry, Unit 5 – Physics – Part I, Unit 6 – Physics – Part II, and Unit 7 – Earth and Space Science.

English Language Acquisition

ELL Foundations: Level 1
ELL Foundations: Level 1 provides 32 interactive lessons based on beginning-level multicultural readings that reflect the diverse backgrounds of English language learners. Readings include fiction, poetry, informational texts, and culturally informed myths. Educators are supported with built-in reporting, grading, and standards-alignment capabilities. They will also have access to complete lesson plans designed to maximize learning. The course is composed of online student tutorials with beginning-level readings, vocabulary and comprehension activities for on- or offline assignments, and mastery tests to gauge student comprehension and progress. Students and teachers will also enjoy the familiar structure and user experience of Edmentum Courseware.

ELL Foundations: Newcomer
ELL Foundations: Newcomer provides 23 vocabulary-focused, interactive lessons based on clear representation and developmentally appropriate art of entry-level vocabulary for school success. Educators are supported with built-in reporting, grading, and standards-alignment capabilities. They will also have access to complete lesson plans designed to maximize learning. The course is composed of online student tutorials with beginning-level readings, vocabulary and comprehension activities for on- or offline assignments, and mastery tests to gauge student comprehension and progress. Students and teachers will also enjoy the familiar structure and user experience of Edmentum Courseware.

AP College Board® Advanced Placement® Approval