



Central Dauphin School District
Cyber Academy

Academic Planner

2024-2025



CENTRAL DAUPHIN SCHOOL DISTRICT

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INTRODUCTION

The program of studies in the high schools of the Central Dauphin School District offers a wide variety of courses. This catalog will help to develop a workable plan, but the job of preparing an educational program requires decision-making and careful planning. PLEASE read the catalog carefully. Discussion between students and guardians is recommended. Keep in mind past education, career goals and abilities. If there are questions about how to proceed, school counselors are available to assist. Additionally, the Career Pathways information available at the end of this planner may provide valuable information when choosing courses.

The 2024-25 Academic Planning Guide lists courses that are approved by Central Dauphin School District. Enrollment, available instructors, and scheduling may make it impossible to offer certain courses.

Graduation requirements are earned in grades nine through twelve. Students should be able to develop a good educational plan and, most importantly, know where they stand for graduation at all times. To help maintain a record of courses and requirements, an Educational Planning form is available on the school's website. A list of recommended courses for students planning for college and recommended courses for students planning to start a career following graduation has been provided.

ASSURANCES

The Central Dauphin School District offers a non-discriminatory program. All courses are open to students regardless of race, national origin, sex, or disabilities.

CAREER PATHWAYS

Career Pathways are designed to help students focus their course selection toward preparing for a specific goal. Each pathway is a broad grouping of careers with similar characteristics and whose employment requirements call for many common interests, strengths, and competencies.

DEFINITIONS

ADVANCED PLACEMENT – The Advanced Placement Program (AP) is a cooperative educational endeavor between secondary schools and colleges and universities. It gives high school students exposure to college-level material through involvement in the AP course, and then gives them an opportunity to show what they learned by taking an AP exam. Colleges and universities may then be able to grant credit, placement, or both to these students.

COURSE WEIGHT – Courses will carry a weight of at least 1.0. Certain college preparatory and advanced placement courses which require more specialization and are generally more difficult will have a greater weight, either 1.04 or 1.08. When class rank and grade point average are calculated, these weights will have an effect. A general description of how courses are weighted is:

- 1.08 – Advanced placement (courses taught on the college freshman level)
- 1.04 – Selected advanced sequential courses
- 1.0 – Courses not selected above

CREDIT – Demonstration of proficiency against the academic standards in a course. Credit is awarded based upon the number of hours the course meets.

CURRICULUM – This is a planned program of study that contains the courses a student has selected to reach identified academic and/or career goals.

ELECTIVES – An elective is a course that is chosen by the student and not listed as a graduation requirement. Note that both the State and District requirements call for a minimum number of elective credits. (See graduation requirements on page 5.)

GRADUATION REQUIREMENTS – These are the courses and credits necessary to graduate from high school. There are State and District requirements. Since District requirements exceed the State requirements, follow the District information provided in this planner.

INDEPENDENT STUDY – Under special conditions, independent study may be possible. Students may not receive credit through independent study for a course that is listed as a graduation requirement.

SEQUENTIAL COURSES – These are courses that are related; examples are Latin I and II.

INDIVIDUALIZED EDUCATION PROGRAMS AND SERVICE – The Individual Education Plan, also known as the IEP, is a document that is developed for a child who needs special education services. The plan is created through a team effort including the guardian and is reviewed on a regular basis. The IEP defines individualized goals and specially designed instruction for a student who has been determined to have a disability as defined by federal regulations.

SUMMER SCHOOL – In order for students to attend summer education remedial courses for credit, an average of 40% must have been achieved during the school year. Permanent incompletes are not eligible for summer school remediation. All summer school applicants are subject to principal approval.

CENTRAL DAUPHIN SCHOOL DISTRICT GRADUATION REQUIREMENTS

Students graduating in 2024 must obtain credit in the following subjects in grades 9 through 12:

English	4.0
Mathematics	4.0
Science	3.0
Social Studies	3.0
Health	0.5
Physical Education	2.0
Arts/Humanities	1.0
Electives	<u>6.0</u>
TOTAL	23.5

KEYSTONE EXAM

The Keystone Exams are a component of Pennsylvania’s system of high school graduation and federal accountability requirements. Beginning with the class of 2023 students will have a variety of pathways to complete the requirements for graduation.

CREDIT DEFICIENCY

Students who have not earned the required credits for graduation after completing eight semesters of attendance in high school may return to high school to complete the requirements. Students must see the counselor and principal to plan for the next school year.

DUAL ENROLLMENT

Senior students granted admission to a dual enrollment program at Central Penn College, Harrisburg Area Community College or Harrisburg University can substitute college level courses/credits for high school credit and graduate with their class. There will be no remedial level courses permitted. It is strongly recommended that students interested in dual enrollment have a GPA of 87% and a minimum of 1100 on the SAT. For more information, please see your school counselor.

SUMMER SCHOOL

Students not successfully completing their grade level English course during the regular school year must repeat and successfully complete that English course during summer school that calendar year. Students who fail to earn an English credit during the regular school year or during summer school must repeat the failed English course during the next academic school year. English courses are sequential and must be taken and successfully completed in sequential order.

Summer school courses for students in grades nine and ten may be available through the Capital Area Online Learning Association (CAOLA).

Summer school courses for students in grades 11 and 12 may be available through the Keystone Credit Recovery Program or through CAOLA. Students in grades 11 and 12 may take a maximum of two classes in their high school career through the Keystone Credit Recovery Program or any similar program.

Students may take a maximum of two classes per year during summer school.

All summer school grades must be received in the high school office by August 20th. Summer school grades are pass/fail. *Please note, summer school courses are not NCAA approved.*

CREDIT REQUIREMENTS

The following information details the credits required for a student to move to the next grade level in high school.

Credits Needed	Minimum Credits Required
Credits needed to become a Sophomore	4.5
Credits needed to become a Junior	9
Credits needed to become a Senior	13.5*
Credits needed to graduate	23.5

*A student will not graduate with his/her class in June if entering their Senior year with only 13.5 credits.

CURRICULUM RECOMMENDATIONS

Students with CD High as their home building

Recommended College Preparatory Program of Studies by Grade for Fall of 2024.

The courses listed are recommended for students planning to take the SAT or ACT.

Grade	Course Name	Minimum Credit Required
9	<p>**CP Freshman English (Blended), Freshman English (Edmentum), or Honors Freshman English (Edmentum only)</p> <p>United States History II</p> <p>Environmental Science or Honors Biology (Edmentum only)</p> <p>CP Algebra I, CP Geometry, Algebra II, or Algebra II Honors (Edmentum only)</p> <p>World Language</p> <p>Elective</p> <p>*Physical Education</p> <p>***Introduction to Web Design (Blended it is 0.5 credit/Edmentum it is 1 credit)</p>	6.5
10	<p>**CP Sophomore English (Blended), Sophomore English (Edmentum), Honors Sophomore English (Edmentum only)</p> <p>**American Government and Citizenship</p> <p>- <i>Asynchronous Edmentum Students would receive 0.5 credit US Government & 0.5 credit Human Geography</i></p> <p>Biology or Honors Biology (Edmentum only), Chemistry, or Honors Chemistry (Edmentum only)</p> <p>Algebra IB (Blended only), CP Geometry, Algebra II, Algebra II Honors (Edmentum only), Pre-Calculus (Edmentum only), Honors Pre-Calculus (Edmentum only),</p> <p>World Language</p> <p>*Physical Education</p> <p>*Health</p> <p>Elective</p>	7.0
11	<p>** CP Junior English (Blended), Junior English (Edmentum), Honors Junior English (Edmentum only)</p> <p>**World Cultures (Blended only) or World History (Edmentum only)</p> <p>CP Chemistry (Blended), Chemistry (Edmentum), Honors Chemistry (Edmentum only), or Physical Science (Edmentum only)</p> <p>CP Geometry, Algebra II, Algebra II Honors (Edmentum only), or Pre-Calculus (Edmentum only), Honors Pre-Calculus (Edmentum only), Calculus (Edmentum only), AP Calculus (Edmentum only)</p> <p>World Language</p> <p>Physical Education</p> <p>**Financial Literacy (Blended only) or Intro to Finance (Edmentum only)</p> <p>Elective</p>	7.0
12	<p>**Senior English or Honors English</p> <p>Social Studies Elective</p> <p>Science Elective</p> <p>CP Geometry, Algebra II, Algebra II Honors, or Pre-Calculus, Honors Pre-Calculus, Calculus, AP Calculus (Edmentum only), Economics, Financial Mathematics, Probability & Statistics, AP Statistics, or Accounting,</p> <p>World Language</p> <p>*Physical Education</p> <p>Elective</p> <p>*Required for graduation.</p> <p>**Highly recommended for graduation.</p> <p>***Recommended for graduation.</p> <p>Please see page 3 for additional graduation requirements.</p>	6.5

Students may not satisfy more than one required English credit by taking more than one English course during their junior year. Any additional English course would count as an elective credit.

CURRICULUM RECOMMENDATIONS

Students with CD High as their home building

Recommended Academic Preparatory Program of Studies by Grade for Fall of 2024.

Grade	Course Name	Minimum Credit Required
9	**Freshman English **U.S. History II Environmental Science Algebra IA (Blended only) CP Algebra I, or CP Geometry, or Mathematics 1 (Edmentum only) Elective *Physical Education ***Introduction to Web Design	6.5
10	**Sophomore English **American Government and Citizenship <i>Asynchronous Edmentum Students would receive 0.5 credit US Government & 0.5 credit Human Geography</i> Biology I Algebra IB, CP Geometry or CP Algebra II, Mathematics 1, or Mathematics 2 *Physical Education Health Electives	7.0
11	**Junior English **World Cultures (Blended)/ World History (Edmentum) Astronomy, Geology (Blended only), Meteorology (Blended only), or Physical Science (Edmentum only) CP Geometry, CP Algebra II, Mathematics 1, Mathematics 2, or Mathematics 3 *Physical Education ****Financial Literacy (Blended only)/Intro to Finance (Edmentum only) Electives (up to two)	7.0
12	**Senior English Social Studies Elective Science Elective CP Algebra II, Advanced Math Topics, Pre-Calculus, Consumer Math, Accounting, Economics, Personal & Family Finance, Financial Mathematics, Mathematics 1, Mathematics 2, Mathematics 3, or ACT WorkKeys Applied Mathematics *Physical Education Electives (up to two)	6.5
	*Required for graduation **Highly recommended for graduation ***Recommended for graduation	

Please see page 3 for additional graduation requirements.

Students may not satisfy more than one required English credit by taking more than one English course during their junior year. Any additional English course would count as an elective credit.

CURRICULUM RECOMMENDATIONS

Students with CD East High as their home building

Recommended College Preparatory Program of Studies by Grade for Fall of 2024.

The courses listed are recommended for students planning to take the SAT or ACT.

Grade	Course Name	Minimum Credit Required
9	<p>**CP Freshman English (Blended), Freshman English (Edmentum), or Honors Freshman English (Edmentum only)</p> <p>**World Cultures (Blended only), World History (Edmentum only)</p> <p>Environmental Science or Honors Biology (Edmentum only)</p> <p>CP Algebra I, CP Geometry, Algebra II, Algebra II Honors (Edmentum only)</p> <p>World Language</p> <p>Elective</p> <p>*Physical Education</p> <p>***Introduction to Web Design (Blended it is 0.5 credit/Edmentum it is 1 credit)</p>	6.5
10	<p>**CP Sophomore English (Blended), Sophomore English (Edmentum), Honors Sophomore English (Edmentum only)</p> <p>**American Government and Citizenship</p> <p style="padding-left: 20px;"><i>Asynchronous Edmentum Students would receive 0.5 credit US Government & 0.5 credit Human Geography</i></p> <p>Biology or Honors Biology (Edmentum only), Chemistry, or Honors Chemistry (Edmentum only)</p> <p>Algebra IB (Blended only), CP Geometry, Algebra II, Algebra II Honors (Edmentum only), Pre-Calculus (Edmentum only), Honors Pre-Calculus (Edmentum only),</p> <p>World Language</p> <p>*Physical Education</p> <p>*Health</p> <p>Elective</p>	7.0
11	<p>** CP Junior English (Blended), Junior English (Edmentum), Honors Junior English (Edmentum only)</p> <p>** United States History II</p> <p>CP Chemistry (Blended), Chemistry (Edmentum), Honors Chemistry (Edmentum only), or Physical Science (Edmentum only)</p> <p>CP Geometry, Algebra II, Algebra II Honors (Edmentum only), or Pre-Calculus (Edmentum only), Honors Pre-Calculus (Edmentum only), Calculus (Edmentum only), AP Calculus (Edmentum only)</p> <p>World Language</p> <p>Physical Education</p> <p>** Financial Literacy (Blended only) or Intro to Finance (Edmentum only)</p> <p>Elective</p>	7.0
12	<p>**Senior English or Honors English</p> <p>Social Studies Elective</p> <p>Science Elective</p> <p>CP Geometry, Algebra II, Algebra II Honors, or Pre-Calculus, Honors Pre-Calculus, Calculus, AP Calculus (Edmentum only), Financial Mathematics, Economics, Probability & Statistics, AP Statistics, or Accounting,</p> <p>World Language</p> <p>*Physical Education</p> <p>Elective</p> <p style="padding-left: 20px;">*Required for graduation.</p> <p style="padding-left: 20px;">**Highly recommended for graduation.</p> <p style="padding-left: 20px;">***Recommended for graduation.</p> <p style="padding-left: 20px;">Please see page 3 for additional graduation requirements.</p>	6.5

Students may not satisfy more than one required English credit by taking more than one English course during their junior year. Any additional English course would count as an elective credit.

CURRICULUM RECOMMENDATIONS

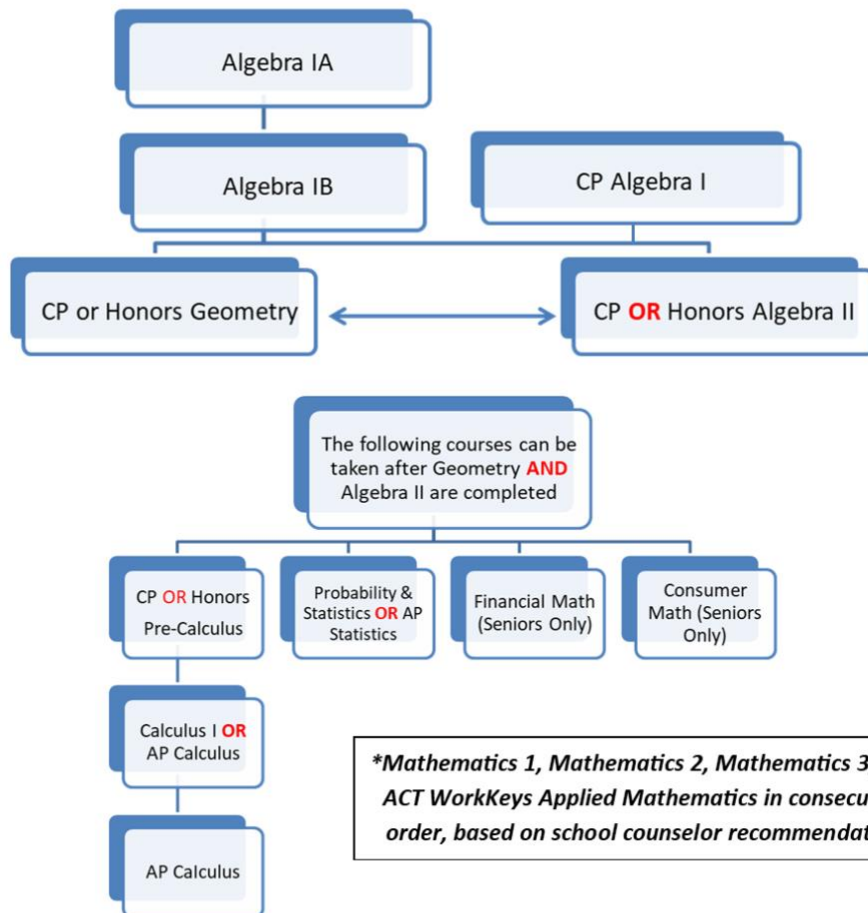
Students with CD East High as their home building

Recommended Academic Preparatory Program of Studies by Grade for Fall of 2024.

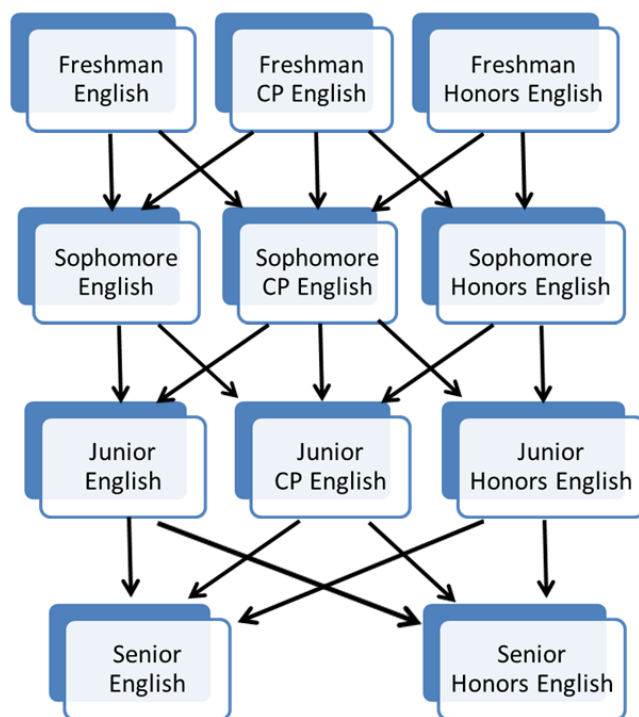
Grade	Course Name	Minimum Credit Required
9	**Freshman English **World Cultures (Blended)/ World History (Edmentum) Environmental Science Algebra IA (Blended only) CP Algebra I, or CP Geometry, or Mathematics 1 (Edmentum only) Elective *Physical Education ***Introduction to Web Design	6.5
10	**Sophomore English **American Government and Citizenship <i>Asynchronous Edmentum Students would receive 0.5 credit US Government & 0.5 credit Human Geography</i> Biology I Algebra IB, CP Geometry or CP Algebra II, Mathematics 1, or Mathematics 2 *Physical Education *Health Electives	7.0
11	**Junior English ** U.S. History II Astronomy, Geology (Blended only), Meteorology (Blended only), or Physical Science (Edmentum only) CP Geometry, CP Algebra II, Mathematics 1, Mathematics 2, or Mathematics 3 *Physical Education ***Financial Literacy (Blended only)/Intro to Finance (Edmentum only) Electives (up to two)	7.0
12	**Senior English Social Studies Elective Science Elective CP Algebra II, Advanced Math Topics, Pre-Calculus, Consumer Math, Accounting, Economics, Personal & Family Finance, Financial Mathematics, Mathematics 1, Mathematics 2, Mathematics 3, or ACT WorkKeys Applied Mathematics *Physical Education Electives (up to two) *Required for graduation. **Highly recommended for graduation. ***Recommended for graduation. Please see page 3 for additional graduation requirements.	6.5

Students may not satisfy more than one required English credit by taking more than one English course during their Junior Year. Any additional English course would count as an elective credit.

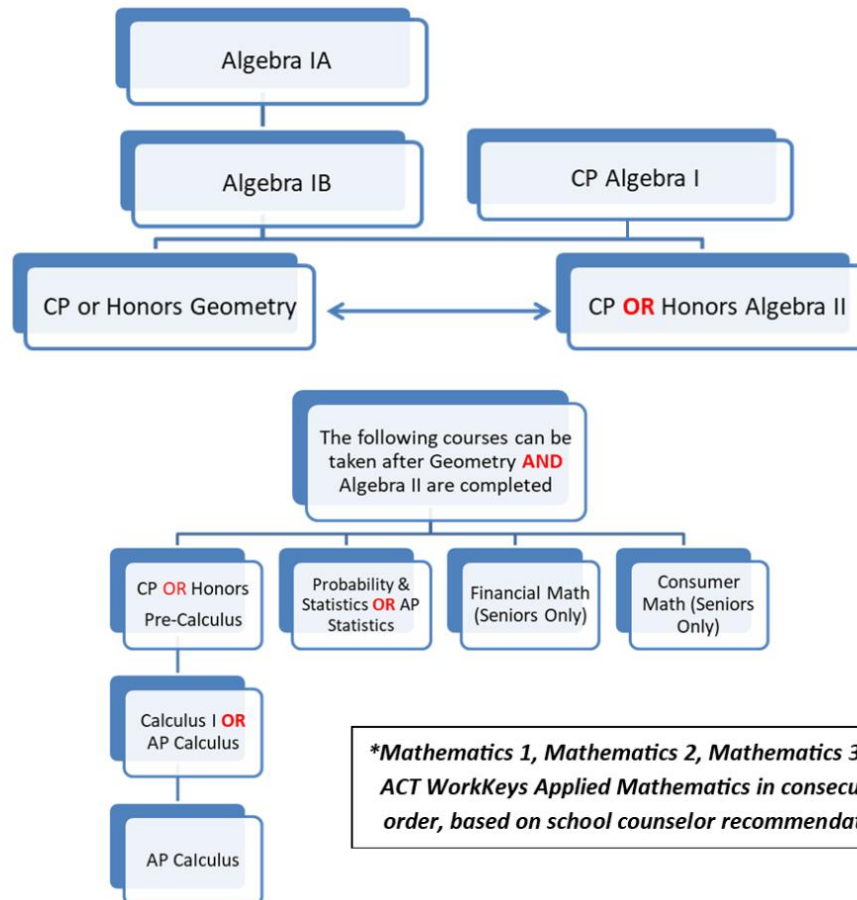
Central Dauphin School District Cyber High School Math Course Flowchart



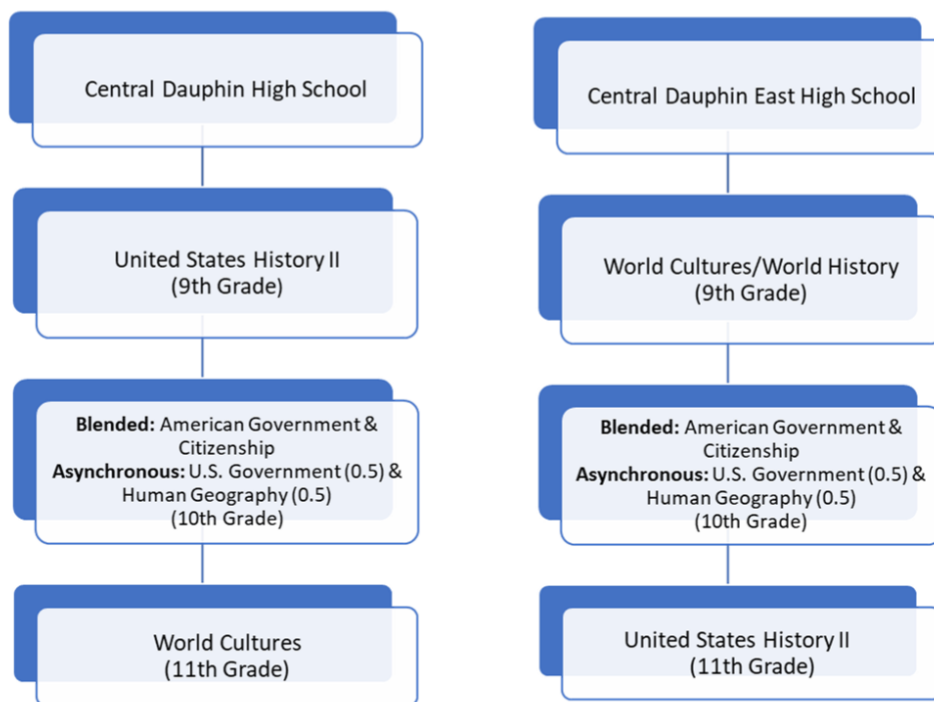
**Central Dauphin School District
Cyber High School English Course Flowchart**



Central Dauphin School District Cyber High School Math Course Flowchart



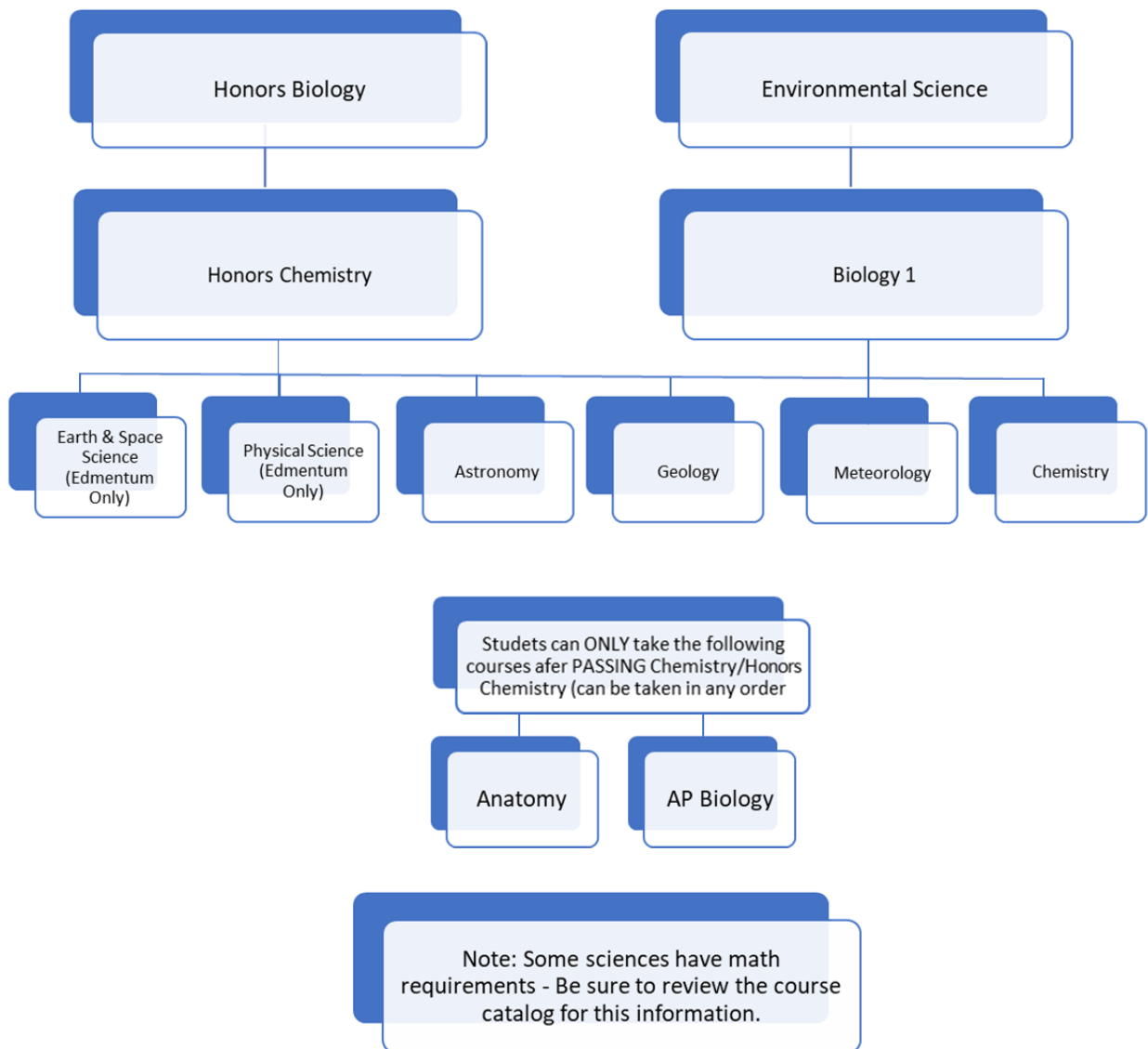
Central Dauphin School District Cyber High School Social Studies



Below is a list of Social Studies electives - Students can take these as an underclassman along with the required Social Studies courses listed above AND/OR as a senior.

- African American Studies I
- Critical Media Literacy
- Economics
- AP Psychology
- Psychology
- Sociology I
- Sociology II
- U.S. Military History

**Central Dauphin School District
Cyber High School Science Flowchart**





The Central Dauphin School District participates in the Dauphin County Technical School program. To be enrolled at the Dauphin County Technical School, a student must be at least in grade nine.

Students with disabilities who receive services through an IEP or 504 Plan or English Learners may attend Dauphin County Technical School with all services and programs provided.

Entrance Procedures

Each student, in addition to completing the application, will need the approval of a parent or guardian. All interested students can receive an application from their home school and should submit it through their counselor.

Program of Studies

Dauphin County Technical School offers a one-year exploratory experience followed by a three-year approved program. Approximately fifty percent of the time is spent in vocational shops or laboratories; the remainder in general education and related trade courses. Trade courses offered include shop or laboratory and theory work in the following areas:

9th Grade Exploratory Program

Construction and Manufacturing	Visual Arts and Information Technology	Health Sciences and Public Services	Transportation
Building Construction Technology	Commercial Art	Cosmetology	Automotive Technology
Carpentry	Computer Networking Technology	Culinary Arts	Collision Repair Technology
Electrical Construction & Maintenance	Drafting & Design Technology	Dental Assistant	Diesel Technology
Heating, Ventilation, & Air Conditioning	Electronics Engineering Technology	Emergency & Protective Services	Small Engine Equipment Technology
Landscaping and Greenhouse Production		Medical Assistant	
Masonry	Web Development & Design	Nursing Foundations	
Welding Technology		Veterinary Assistant	

USING THE CATALOG

Counselors will use a copy of the Educational Planning Form when helping students plan a program. Students can also use this form as a worksheet when planning their course selections. Graduation requirements in this catalog should be carefully checked during the planning process. If students need help in planning a program, they should contact a counselor. Students are encouraged to discuss selections with their guardians.

SCHEDULING

Student Scheduling

Counselors meet with groups of students to introduce the scheduling process, academic planning guide and course selection sheets. Parents are encouraged to attend this meeting. Students are encouraged to discuss this information with their parent/guardians, and teachers. If students have questions or concerns about their selections, they may schedule a time to meet with their counselor.

Special Scheduling Notes

1. In grades 9 and 10, students will follow the recommended program as described for the college preparatory or academic programs. In grades 11 and 12, students must schedule a minimum of 7.0 or 6.5 credits respectively.
2. No student should schedule a course with content that is below that student's level of achievement.
3. Please contact your school's Counseling Office for information regarding when course change requests will be accepted.
4. Multiple data points will be reviewed for student placement in Reading courses.
5. A student must maintain a minimum average of 40% to attend a Central Dauphin School District approved summer school program. Permanent incompletes may not be made up by attending summer school.
6. A course in which a student has earned credit in grades 9-11 may not be scheduled for credit a second time. Courses may be scheduled for review with the permission of the principal; however, no credit may be awarded.
7. ***Students may not satisfy more than one required English credit by taking more than one English course during their junior year. Any additional English course would count as an elective credit.***

ENGLISH DEPARTMENT

English Summer School Requirement: Students who fail English in the 9th, 10th, 11th, or 12th grade must attend a Central Dauphin School District approved Summer School to schedule the next sequential English class and complete the requirements for graduation.

The Keystone Exams are a component of Pennsylvania's system of high school graduation and federal accountability requirements. Beginning with the class of 2023, students will have a variety of pathways to complete the requirements for graduation.

Students may not satisfy more than one required English credit by taking more than one English course during their Junior year. Any additional English course would count as an elective credit.

MATHEMATICS DEPARTMENT

NOTE: To continue to the next level of proficiency, it is strongly recommended that the student have a 70% or better average at the previous level unless otherwise stated under the course description.

The Keystone Exams are a component of Pennsylvania's system of high school graduation and federal accountability requirements. Beginning with the class of 2023, students will have a variety of pathways to complete the requirements for graduation.

If a student taking Algebra I as an eighth grader fails to pass the Algebra I Keystone Exam, it is highly recommended that student retake Algebra I in ninth grade.

SCIENCE DEPARTMENT

When students are selecting a science class, it is recommended that they take all the different branches of Science (Biology, & Chemistry) before taking an Advanced Placement Science course.

The Keystone Exams are a component of Pennsylvania's system of high school graduation and federal accountability requirements. Beginning with the class of 2023 students will have a variety of pathways to complete the requirements for graduation.

COOPERATIVE EDUCATION PROGRAM

The cooperative education program is available to senior students who wish to participate in a career-related on-the-job training experience daily. To be considered for the cooperative related work or related internship experience students must complete an application packet in their junior year, be in good standing with academics, attendance, discipline, and receive positive recommendations from their classroom teachers. A maximum of three (3) elective credits can be earned through either program.

Cooperative Related Work Experience

Students can learn skills necessary to become a successful employee in any career field. Students must obtain work site placements that will enable them to acquire meaningful career related experiences in an atmosphere conducive to learning. All work site placements must be pre-approved by the cooperative education coordinator.

Cooperative Related Internship Experience

College bound students intending to invest large sums of time and money into a specialized field of learning can gain practical experience to help ensure that the investment is a wise one. Students must obtain work site placements that will enable them to acquire meaningful career related experiences in an atmosphere conducive to learning. All work site placements must be pre-approved by the cooperative education coordinator.

Core Courses Taught by Central Dauphin School District Teachers

English

The following Core Courses are taught by Central Dauphin School District Teachers:

Freshman English

1.0 Credit

1.0 WT

Freshman English focuses on the development of writing, literature, and reading skills. The literature is a survey of the major genres of poetry, short story, drama, and novel. Reading skills and vocabulary development are stressed. Library research techniques are reinforced. Mastery of skills will provide students the opportunity to elect Sophomore College Prep English.

Freshman College Prep English

1.0 Credit

1.0 WT

Freshman College Prep English is designed for students who plan to enter college after graduation. It includes integrated work in grammar, vocabulary, and literature. Library research techniques are reinforced.

Sophomore English

1.0 Credit

1.0 WT

RECOMMENDED: *Freshman English*

Sophomore English, a continuation of the sequence, provides further development in writing and literature. The literature focus is on American authors with an emphasis on growth of reading and vocabulary skills.

Sophomore College Prep English

1.0 Credit

1.0 WT

RECOMMENDED: *Freshman College Prep English*

The writing focus in Sophomore College Prep English is the introduction to and completion of the informational or argumentative research paper using proper research procedures. Students continue to develop reading and vocabulary skills with an emphasis on Latin and Greek roots for PSAT preparation. The literature focus is on major American authors in the various genres.

Junior English

1.0 Credit

1.0 WT

RECOMMENDED: *Sophomore English*

The continued sequence focuses on improving skills in reading and writing. Research techniques are introduced. Students study various genres of literature using the works of major British authors. Reading for life-long learning is an emphasis.

Junior College Prep English**1.0 Credit****1.0 WT****RECOMMENDED:** *Sophomore College Prep English*

The writing focus this year is on the argumentative research paper as well as an introduction to critical literary analysis. SAT preparation is the vocabulary emphasis. Literature study will focus on British literature in various genres.

English as a Second Language for Newcomer and Beginner ESL Students**1.0 Credit****1.0 WT**

This is a beginning course for English Learners who recently arrived with emphasis on English Language Acquisition in the areas of basic reading, introduction to writing, listening, and speaking. The course is designed for an English learner who is considered a newcomer or an English Lerner who typically received an overall language proficiency score of a Level 1 or Level 2. All students who may be considered an English Learner must take a screener assessment from WIDA to determine placement.

Math

The following Core Courses are taught by Central Dauphin School District Teachers:

Algebra 1a

1.0 Credit

1.0 WT

This year-long course is the first half of a two-year program to prepare students for the Keystone Algebra 1 state assessment. Students who benefit from additional time and support in mathematics should take this course instead of CP Algebra 1. Topics include the Language of Algebra, Solving Linear Equations and Inequalities, Functions and Relations, and Writing and Graphing Linear Equations and Inequalities.

Algebra 1b

1.0 Credit

1.0 WT

PREREQUISITE: *Algebra 1A*

This year-long course is the second half of a two-year program to prepare students for the Keystone Algebra 1 state assessment. Students must successfully complete Algebra 1A to take this course. Topics include Systems of Equations, Polynomials and Factoring, Radicals, and Statistics and Probability.

College Prep Algebra

1.0 Credit

1.0 WT

College Prep Algebra is for any student planning to pursue post-secondary training, including college or trade school. Topics include problem-solving equations, linear sentences and inequalities, rates, ratios, proportions, data interpretation and description, polynomials, and graphing.

College Prep Geometry

1.0 Credit

1.0 WT

College Prep Geometry students will study coordinates, transformations, measurement formulas, three-dimensional figures, and right-angle trigonometry. Proof-writing will be introduced later in the year. Students will apply algebra and geometry to problem solving situations.

College Prep Algebra II

1.0 Credit

1.0 WT

PREREQUISITE: Algebra I

College

Prep Algebra II is a logical expansion of Algebra concepts. Topics such as linear and quadratic expressions and equations, system of equations and inequalities, powers and roots, and polynomial functions are explored. This course satisfies graduation recommendations in the college preparatory program. Students who successfully complete this course will be prepared to take CP Pre-Calculus, Pre-Calculus A, and Advance Math Topics

Social Studies

The following Core Courses are taught by Central Dauphin School District Teachers:

United States History II

1.0 Credit

1.0 WT

United States History II is recommended for 9th grade students at CD High and 11th grade students at CD East High. It covers the time span from World War I to the present. It includes the general study of the growth of our nation along with related Pennsylvania and minority histories. Key aspects of economic, military, political, geographic as well as social and cultural areas are to be studied.

World Cultures

1.0 Credit

1.0 WT

World Cultures is recommended for 9th grade students at CD East High and 11th grade students at CD High. Worlds Cultures presents students with an introduction to anthropology and an in-depth look at six major culture areas: sub-Saharan Africa, the Indian subcontinent, China, Japan, Russia, and the Middle East. The culture areas are presented showing the effects of geography, history, politics, and economics on the development of culture, emphasizing understanding of, and appreciation for, differences and similarities.

American Government and Citizenship

1.0 Credit

1.0 WT

American Government and Citizenship is recommended for 10th grade students. It is a comprehensive study of citizenship, national state and local governments, political parties, and politics. It will involve an in-depth study of the three branches of government and how they are influenced and guided by interest groups and lobbyists. The U.S. Constitution and Bill of Rights are also studied. The relationship of government to the individual, the family, community, and the economy, as well as contemporary issues are explored.

Science

The following Core Courses are taught by Central Dauphin School District Teachers:

Environmental Science

1.0 Credit

1.0 WT

Environmental Science is required for 9th grade students not enrolled in Honors Biology. Environmental Science is the field of science that studies the interactions of the physical, chemical, and biological components of the environment and the relationships and effects of these components with the organisms in the environment. The study of ecosystems, energy and food production, land-use issues, air and water quality, and population demographics are all major aspects of working toward a sustainable future on Earth. Outdoor activities are a part of this course.

Biology I

1.0 Credit

1.0 WT

Biology I emphasize life processes, cell structure and function, reproduction and heredity, genetics, and evolution, and incorporates an introduction to ecology and environmental science. Student-centered learning activities may include scientific problem solving, inquiry-based investigations, independent and group projects, and development of inductive and deductive reasoning skills. Students must have taken Environmental Science before taking this course. This course is a lab science.

Chemistry

1.0 Credit

1.0 WT

PREREQUISITE: Honors Biology or Biology I PREREQUISITE OR CONCURRENT: Algebra II Chemistry is a mathematics-oriented science designed for the college preparatory student. Students must have successfully completed Algebra I with a 75% average.

Students will experience such topics as stoichiometry, nomenclature, atomic theory, equilibrium, equation writing and balancing, solutions, and other related topics. Methods of student evaluation will include problem solving, laboratory experiments, quizzes, and exams. Students will hone their observational, organizational, and reasoning skills as well as their problem-solving abilities. This course is a lab science.

Electives Taught by Central Dauphin School District Teachers

Social Studies

The following electives are taught by Central Dauphin School District Teachers:

African American Studies

0.5 Credit

1.0 WT

African American Studies is a half-year course that examines both the history and culture of Africa and the African American experience in an interdisciplinary format. This would include an analysis of the unique historical, cultural, and social developments from the Middle Passage to the 1920's. The course will also address the literary and artistic contributions of African Americans to American culture.

U.S. Military History

0.5 Credit

1.0 WT

Military History is more than just a story about armed conflict; it is the story of how societies form institutions for collective security and how those institutions operate in peace and war. It includes the entire range of economic, social, legal, political, technological, and cultural issues that arise from a nation's need to organize violence to preserve its existence and accomplish its goals. This course will challenge students to evaluate and appreciate American's military heritage.

Psychology

1.0 Credit

1.0 WT

Psychology examines the complex nature of human behavior. Major areas of concentration include history and methods of study, the brain and its functions, motivation, emotion, learning, states of consciousness, development and the causes and treatment of abnormal behavior.

Critical Media Literacy

0.5 Credit

1.0 WT

Critical Media Literacy, a semester elective course, is an introduction to the critical study of media. Students will examine the various types of media to develop critical media literacy skills. This course is designed to teach students critical-thinking skills, a firm grasp of relevant history and practical knowledge about mass media, new literacy, political media, consumer media, digital citizenship, social media, and civil discourse. The course seeks to help students recognize the differences between facts and rumors, news and promotions, news and opinion, bias and fairness, assertion and verification, and evidence and inference. Students will learn how to find the reliable information they need to make decisions, take action, make judgements, and responsibly use and share information through various mass media platforms.

Physical Education

The following electives are taught by Central Dauphin School District Teachers:

Physical Education Elective for 9th grade Blended & CDSB Canvas Asynchronous students:

Physical Education

0.5 Credit

1.0 WT

The physical education program stresses involvement in a variety of team-oriented activities such as soccer, basketball, flag football, volleyball, and field hockey. It also includes individual activities such as physical fitness, archery, tennis, and golf. Emphasis will be placed on increasing physical fitness, developing skills, knowledge of rules, and developing attitudes of leadership and fair play.

Science

The following electives are taught by Central Dauphin School District Teachers:

Geology

0.5 Credit

1.0 WT

Geology is a semester course which will explore the study of Earth's solid features, structure, and function. This will include both historical and physical geology and an analysis of a dynamic Earth. Units of study include Earth's Place in the Solar System and Earth's Structure, Earth's Geologic Time, Dynamic Earth, Earth's Geologic Cycles, and Earth's Geologic Resources. Students must have taken Biology to be eligible for this course.

Astronomy

0.5 Credit

1.0 WT

Astronomy is a semester course which will explore the study of the celestial objects, space, and the physical universe. Units of study include Astronomy as the first science, the Celestial Sphere and Our Sky, Earth's Place in the Solar System and Larger Universe, Space Exploration and Beyond Our Solar System. Students must have taken Biology to be eligible for this course.

Meteorology

0.5 Credit

1.0 WT

Meteorology is a semester course which will explore the study of Earth's Atmosphere regarding weather and climate. The units of study include: The Formation and Structure of the Atmosphere, the Elements of Weather, Weather Systems and Forecasting, Storms and Severe Storms, and Climate Systems and Climate Change. Students must have taken Biology to be eligible for this course.

Business

The following electives are taught by Central Dauphin School District Teachers:

Business Computer Applications

1.0 Credit

1.0 WT

Business Computer Applications will provide intermediate level skills in computer applications. Students will be using various integrated software packages and the internet to further explore and produce documents that will attain them marketable employment skills and prepare them for college.

Highly Recommended Electives:

Introduction to Web Design – Gr.9

0.5 Credit

1.0 WT

Introduction to Web Design is a requirement for 9th grade students. This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Students will be introduced to planning and designing effective web pages; layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website. Students will be introduced to JavaScript and how the language can be used to turn static HTML pages into dynamic, interactive web pages.

Financial Literacy – Gr. 11

0.5 Credit

1.0 WT

Financial Literacy is a requirement for 11th grade students. Financial Literacy is designed to teach students how to become financially literate adults. The course includes topics that prepare students for financial decision making, goal setting, saving, budgeting, borrowing, spending wisely, and managing credit. Financial Literacy may count as a math credit.

Core Courses offered through Edmentum:

English

The following core courses are offered through Edmentum:

English 9

1.0 Credit

1.0 WT

English 9 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. 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 9 Honors

1.0 Credit

1.04 WT

English 9 Honors is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, a full-length Shakespeare play, and two book-length outside readings of their choice. For all readings, students analyze the use of elements of literature in developing character, plot, and theme. For example, in selected stories, students compare the effect of setting on tone and character development. In the poetry unit, students analyze how artists and writers draw from and interpret source material. Each unit includes informational texts inviting students to consider the historical, social, and literary context of the main texts they study. For example, in the first semester, a Nikolai Gogol story that is offered as an exemplar of magical realism is accompanied by instruction on that genre. Together, the lesson content and reading prompt students to demonstrate their understanding of magical realism by analyzing its qualities in a literary text. Throughout the course, students respond to others' claims and support their own claims in essays, discussions, and presentations, consistently using thorough textual evidence. Opportunities for self-directed study, including outside readings, open-ended journal entries, and free-form projects, challenge Honors students to use their creativity and critical thinking skills to gain independent mastery of reading and writing. Finally, 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 Grizzly Bear).

English 10

1.0 Credit

1.0 WT

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 10 Honors

1.0 Credit

1.04 WT

The focus of English 10 Honors is the writing process. Three forms of writing guide the curriculum: persuasive, expository, and narrative writing. A typical lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these forms.

English 10 Honors includes at least one anchor text per lesson focused on a thematic core of the capacity of language to influence others. Readings include poems, stories, speeches, plays, and a graphic novel, as well as a variety of informational texts, and these texts are often presented as models for students to emulate as they practice their own writing. 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 different audiences. English 10 Honors provides opportunities for self-directed study, including outside readings, open-ended journal entries, and free-form projects, all of which challenge Honors students to use their creativity and critical thinking skills to gain independent mastery of reading and writing.

English 11

1.0 Credit

1.0 WT

Pennsylvania English 11 A/B is a completely re-designed course that offers 100% alignment to the PA 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.

English 11 Honors

1.0 Credit

1.04 WT

In English 11 Honors, 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 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 of 1964, students look carefully at the experience of African Americans and their struggle to achieve equal rights. In addition, students explore how an individual copes with the influence of war and cultural tension

while trying to build and secure a personal identity. Finally, students examine how technology affects 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 preparing analytical and persuasive essays, personal narratives, and research papers. Opportunities for self-directed study, including outside readings, open-ended journal entries, and free-form projects, challenge Honors students to use their creativity and critical thinking skills to gain independent mastery of reading and writing. Finally, 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.

English 12

1.0 Credit

1.0 WT

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.

English 12 Honors

1.0 Credit

1.04 WT

The English 12 Honors course asks students to closely analyze British literature and 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 *Tempest*, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" 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 give speeches. Overall, students gain an understanding of the way British and world literature represent the array of voices that contribute to our global identity.

Math

The following core courses are offered through Edmentum:

Algebra I

1.0 Credit

1.0 WT

Algebra 1 v7.0 is a completely re-designed course that offers 100% alignment to the Common Core State 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.

Geometry

1.0 Credit

1.0 WT

Geometry v6.0 is a completely re-designed course that offers 100% alignment to 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 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. Geometry v6.0 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Algebra II

1.0 Credit

1.0 WT

Algebra 2 v7.0 is a completely re-designed course that offers 100% alignment to 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. 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 II Honors

1.0 Credit

1.04 WT

Honors Algebra 2 introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define them. 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, polynomial functions, rational expressions and equations, radical expressions and equations, exponential and logarithmic functions, trigonometric identities and functions, modeling with functions, probability and inferential statistics, probability distributions, and sample distributions and confidence intervals. This course supports all students as they develop computational fluency, deepen conceptual understanding, and apply mathematical practice skills. 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. In these activities, additional items require Honors students to extend their understanding by answering "what if" questions, thinking abstractly about the mathematics involved, and analyzing the strengths and weaknesses of the model as a reflection of the real-world situation. 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. Honors students are required to go deeper into these investigations; for example, they may be asked to change or validate assumptions, add constraints, or extend the project. Journal activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the high-stakes assessments.

Pre-Calculus

1.0 Credit

1.0 WT

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.

Pre-Calculus Honors

1.0 Credit

1.04 WT

Pre-calculus Honors is a comprehensive course that weaves together previous study 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 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 Pre-calculus lesson, students are supplied with a post-study Checkup activity that provides them the opportunity to hone their computational skills in a low-stakes problem set before moving on to formal assessment. Additionally, connections are made throughout the Precalculus course to calculus, art, history, and a variety of other fields related to mathematics. In the Honors course, explore activities help students see further connections to other disciplines and other areas of mathematics, including calculus and geometry. Teacher-scored unit tests and semester exams are more open-ended and challenging than their Core counterparts, and Projects

allow students to apply advanced mathematics in real-world contexts. In addition, scoring in the Honors Precalculus course places a greater weight on teacher-scored activities, so demonstration of higher-order thinking skills has a stronger impact on students' grades.

Calculus

1.0 Credit

1.0 WT

Calculus is the mathematics of change. It is used to solve complex problems that are continuously evolving and would otherwise be unsolvable with only algebra and geometry. This online advanced placement course is designed to prepare students to become deep mathematical thinkers. They will explore the calculus concepts of limits, differentiation, and integration and apply those concepts in meaningful ways.

The course is split into two semesters. The first semester focuses on the concepts of functions, limits, and differentiation and their applications. The second semester builds off the first semester to focus on integrations. It will cover topics such as the definite and indefinite integral and their applications, inverse function, and techniques for integrating.

AP Calculus

1.0 Credit

1.08 WT

In AP Calculus, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics.

Personal and Family Finance

1.0 Credit

1.0 WT

We all know money is important in life. But how important? In fact, the financial decisions you make today may have a lasting effect on your future. Rather than feeling anxious about money feel empowered by learning how to make smart decisions! Personal and Family Finance will begin the conversation around how to spend and save your money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence as you begin to navigate your own route to future security. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.

Accounting

1.0 Credit

1.0 WT

Accounting Semester A course is intended to help you familiarize yourself with the basics of accounting. This course has 15 lessons organized into four units. Each unit has a Unit Activity, and each lesson contains one or more Lesson Activities. Additionally, there is one Course Activity that you need to work on throughout the duration of the course. This activity is a long-term project spread over the length of the course. The due date for this activity is to be determined by the course instructor. This course covers the fundamentals of bookkeeping and financial statements. It also covers career opportunities and the key government regulations in the accounting field.

Accounting Semester B course is intended to help you understand the accounting functions specific to different kinds of businesses. This course has ten lessons organized into three units. Each unit has a Unit Activity, and each lesson contains one or more Lesson Activities. Additionally, there is one Course Activity that you need to work on throughout the duration of the course. This activity is a long-term project spread over the length of the course. The

due date for this activity is to be determined by the course instructor. This course covers the accounting functions of different business types and the specialized accounting tasks related to them. It also covers the essentials interpersonal and workplace skills required as a professional in this field.

Consumer Math

0.5 Credit

1.0 WT

Consumer Math 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 Math

1.0 Credit

1.0 WT

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.

Probability and Statistics

0.5 Credit

1.0 WT

Probability and Statistics 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.

AP Statistics

1.0 Credit

1.08 WT

AP® Statistics 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, and business.

ACT WorkKeys Applied Mathematics (School Counselor Approval Required)

0.5 Credit

1.0 WT

ACT WorkKeys Applied Mathematics—Leveled aligns to the ACT WorkKeys test for Applied Mathematics. The course is divided into five units, labeled 1 through 5, with each unit corresponding to one of the five levels (3 through 7) of the ACT WorkKeys Applied Mathematics test. This course will help you develop mathematical skills with real-world applications that will be beneficial in the workplace. Some of these mathematical skills include working with fractions, decimal numbers, percentages, ratios, rates, unit conversions, perimeter, area, volume, statistical concepts, and a few out-of-the-ordinary concepts, such as finding the best deal and determining where and how mistakes occur. Each lesson carefully explains concepts in an easy-to-understand manner. Activities and tests will help you practice what you've learned.

Mathematics 1 (School Counselor Approval Required)

1.0 Credit

1.0 WT

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 (School Counselor Approval Required)

1.0 Credit

1.0 WT

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 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 (School Counselor Approval Required)

1.0 Credit

1.0 WT

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.

Science

The following core courses are offered through Edmentum:

Environmental Science

1.0 Credit

1.0 WT

Environmental Science Semester A course is intended to introduce you to the concepts and processes of environmental science. This course has 13 lessons organized into four units, plus four Unit Activities. Each lesson contains one or more Lesson Activities. In Environmental Science, Semester A, you will learn about the importance of environmental science as an interdisciplinary field. You will describe abiotic and biotic factors of an ecosystem. You will describe the importance of biodiversity for the survival of organisms and the importance of the food chain and the food web in the ecosystem. You will learn about ecological interactions and succession. You will describe the effects of climate change and different types of adaptation. Further, you will describe the steps of the water cycle, and how carbon, oxygen, nitrogen, and phosphorous cycle in the global environment.

Environmental Science Semester B course is intended to introduce you to the concepts and processes of environmental science. This course has 14 lessons organized into four units, plus four Unit Activities. Each lesson contains one or more Lesson Activities. In Environmental Science, Semester B, you will learn about the factors that affect populations. You will describe human population growth and its implications. You will describe the factors that lead to unequal distribution of natural resources on Earth. You will explain waste management. You will describe different forms of pollution, and ways to control pollution. You will describe various nonrenewable and renewable energy sources. Further, you will learn about benefits of environmental policies and identify factors that affect sustainable development.

Biology

1.0 Credit

1.0 WT

This inquiry- and lab-based Biology 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 Honors

1.0 Credit

1.04 WT

Biology is an in-depth course that furthers mastery of scientific skills, fosters a deep understanding of key concepts, and promotes the application of the scientific method to biological topics. 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. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Biology students are frequently asked to respond to scientific problems and issues via written assignments. Exploration activities

challenge Honors students to deconstruct scientific claims, analyze scientific articles, and suggest follow-up experiments or topics for further research. Finally, Project and Checkup activities allow Honors students to use scientific process skills to delve deeper into topics.

Chemistry

1.0 Credit

1.0 WT

This inquiry- and lab-based Chemistry 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.

Chemistry Honors

1.0 Credit

1.04 WT

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 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 opportunities to understand how chemistry concepts are applied in technology and engineering. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills. Exploration activities challenge Honors students to deconstruct scientific claims, analyze scientific articles, and suggest follow-up experiments or topics for further research. Finally, Project activities allow Honors students to use scientific process skills to delve deeper into topics.

Physical Science

1.0 Credit

1.0 WT

This inquiry- and lab-based Physical Science 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).

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.

Introduction to Astronomy

0.5 Credit

1.0 WT

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe.

AP Biology

1.0 Credit

1.04 WT

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.

Social Studies

The following core courses are offered through Edmentum:

World History

1.0 Credit

1.0 WT

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.

World History Honors

1.0 Credit

1.04 WT

In World History, students learn to see the world today as a 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 change 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 capacity 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 position of others while staking and defending their own claim. 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.

US History

1.0 Credit

1.0 WT

US 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

0.5 Credit

1.0 WT

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.

Human Geography: Our Global Identity**0.5 Credit****1.0 WT**

Modern humans have been roaming the earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs and lifestyles? In Human Geography: Our Global Identity, you will explore the diverse ways that different people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Discover how beliefs and ideas spread through time, shaping and changing the cultures they encounter. In this course, you'll gain tremendous insight into human geography and begin to better understand the important relationship between humans and their environments.

Physical Education

The following core courses are offered through Edmentum:

Physical Education (Recommended for 9th grade Edmentum asynchronous students)

0.5 Credit

1.0 WT

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.

Comprehensive Physical Education (Physical Education class recommended for 10th grade students)

0.5 Credit

1.0 WT

Comprehensive Physical Education 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.

Personal Fitness (Physical Education class recommended for 11th grade students)

0.5 Credit

1.0 WT

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

Lifetime & Leisure Sports (Physical Education class recommended for 12 grade students)

0.5 Credit

1.0 WT

This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do in depth study in 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.

Advanced Physical Education (Physical Education class)

0.5 Credit

1.0 WT

Adaptive Physical Education 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 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.

Advanced PE I (Physical Education Class)**0.5 Credit****1.0 WT**

Advanced PE I 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.

Advanced PE 2 (Physical Education Class)**0.5 Credit****1.0 WT**

Advanced PE 2 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.

Strength Training (Physical Education Class)**0.5 Credit****1.0 WT**

Strength Training, a 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.

Health

The following core courses are offered through Edmentum:

Health Life Management Skills (10th grade Health class)**0.5 Credit****1.0 WT**

What does it mean to be healthy? In the simplest terms, it means taking care of our body and mind. Explore the connections between your physical, mental, and social health. Learn how to promote better health by decreasing stress and finding a fuller vision for your life through lifestyle choices, interactions with others, healthcare, and making sensible dietary choices. Build your plan to ensure your overall health, happiness, and well-being!

Electives offered through Edmentum:

The following electives are offered through Edmentum:

African American History

0.5 Credit

1.0 WT

How have African Americans shaped the culture of the United States throughout history? Tracing the accomplishments and obstacles of African Americans from the slave trade through emancipation, and to the modern African diaspora, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life. In African American History, you'll come face to face with individuals who changed the course of history and learn more about slavery, racism, and the Civil Rights Movement. You will also explore how the history of African Americans influences current events today.

Anatomy

0.5 Credit

1.0 WT

Anatomy students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study 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.

Biology with Virtual Lab

1.0 Credit

1.0 WT

This inquiry- and virtual-lab-based Biology 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.

Business Info Management

1.0 Credit

1.0 WT

Business Management 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, develop an understanding of the marketplace, as well as understanding 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.

Civics

1.0 Credit

1.0 WT

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.

Coding Intro

0.5 Credit

1.0 WT

Have you ever wanted to create your own web page or wondered how your favorite websites were built? Maybe you want to know more about how computers and technology are affecting the world around us. In Coding 1a: Introduction to Programming, you will explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. You will also discover how to create and build your own website using HTML and CSS and learn basic and complex commands and sequences as you become familiar with programming languages like JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.

Coding - Programing

0.5 Credit

1.0 WT

Should take Coding Introduction first - Cultivate your understanding of programming languages and expand on your knowledge of website development. Learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing.

Creative Writing

0.5 Credit

1.0 WT

Writing can change the world. Think about the Declaration of Independence, the Bill of Rights, and Lincoln's 2nd In Augural Address. How have these writings shaped our country and the future? While you learn how to unleash the core of your imagination to develop your own creative writing, you'll also explore creative writing through foundational literary works from the 18th to 20th century of Colonialism to American Gothic to Modernism, and everything in between, while evaluating original writings and their interpretations.

Culinary Arts 1a

0.5 Credit

1.0 WT

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

Culinary Arts 1b: Finding Your Palate

0.5 Credit

1.0 WT

Did you know that baking is considered a science? Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. Explore careers in the culinary arts for ways to channel your newfound passion!

Culinary Arts 2: Baking, Pastries, & More

0.5 Credit

1.0 WT

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2 will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and psychology dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure!

Cyber Security 1a Foundations

0.5 Credit

1.0 WT

We depend more and more on the technologies we interact with every day, and we put more and more of our personal data out there online. Can all of that data really be kept “secret”? We all need to know more about how to protect our personal information, especially given how much we rely on and use our network devices and media. You’ll learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. You’ll also dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

Cyber Security 1b Defense Against Threats

0.5 Credit

1.0 WT

Ever wonder what it’s like to be a hacker? Or think about who is trying to steal your passwords while you’re shopping online using the free Wi-Fi at your local coffee shop? Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyber-attacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. In a world where such threats have no boundaries, cybersecurity will undoubtedly play an increasingly larger role in our personal and professional lives in the years to come.

Digital Photo 1a: Intro Ed Options

0.5 Credit

1.0 WT

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.

Digital Photo 1b: Creating Images with Impact

0.5 Credit

1.0 WT

Building on the prior prerequisite course, further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life. Using this knowledge, build a portfolio of your work to pursue a career in this field!

Digital Photo 1b: Discovering Your Creative Potential

0.5 Credit

1.0 WT

In today’s world, we are surrounded by images. We are continually seeing photographs as they appear in advertisements, on websites, in magazines, and on billboards; they even adorn our walls at home. While many of these images have been created by professional photographers, it is possible for your photos to take on a more professional look after you discover how to increase your creative potential. In Digital Photography II: Discovering

Your Creative Potential, you will examine various aspects of the field including specialty areas, ethics, and famous photographers throughout history. You will also learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own.

Early Childhood Education 1a Intro

0.5 Credit

1.0 WT

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider!

Early Childhood Education 1b: Developing Early Learners

0.5 Credit

1.0 WT

Discover the joys of providing exceptional childcare and helping to develop future generations. Learn the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special needs. Use this knowledge to develop your professional skills well suited to a career in childcare.

Earth and Space Science

1.0 Credit

1.0 WT

This inquiry- and lab-based Earth and Space Science course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school Earth and space science. Content topics include Earth and space systems and interactions, the history of the Earth, the Earth's systems, weather and climate, climate change, and human impacts on the Earth. 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).

Economics

0.5 Credit

1.0 WT

Economics 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.

Entrepreneurship 1a: Intro

1.0 Credit

1.0 WT

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true!

Entrepreneurship 1b: Make Your Ideas into a Reality

1.0 Credit

1.0 WT

You should take Entrepreneurship Introduction first

You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!

Family Living & Healthy Relationships

0.5 Credit

1.0 WT

Family Living & Healthy Relationships 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.

Fashion Design

0.5 Credit

1.0 WT

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!

French 1

1.0 Credit

1.0 WT

In French 1, 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.

French 2

1.0 Credit

1.0 WT

French 2, 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 then 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

1.0 Credit

1.0 WT

In German 1, 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.

German 2

1.0 Credit

1.0 WT

German 2, 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.

Graphic Design and Illustrations

1.0 Credit

1.0 WT

Graphic Design & Illustrations covers careers you can pursue in graphic design. It also covers training and skills required for a graphic designer. In addition, this course describes how to create images using color and typography and how to manipulate images. It also guides you how to create images using design elements and principles. Finally, this course covers copyright laws and ethics related to the use of graphic design.

Intro to Android App

0.5 Credit

1.0 WT

Intro to Android, a one-semester course, is intended to familiarize you with the knowledge and skills required for a career in Android mobile app development. This course has 12 lessons and 5 Course Activities. Each lesson contains one or more Lesson Activities. In Introduction to Android Mobile App Development, you will learn about the history of and upcoming trends in mobile app development. You will explore career options in mobile app development, and describe the skills and training required for mobile app development. You will also describe various platforms to develop Android mobile apps. Further, you will learn about the Android development environment. Finally, you will create the user interface of an app and make it interactive in Android Studio.

Intro to Finance

0.5 Credit

1.0 WT

This course is designed to enable students at high school level to develop financial skills that they can use during their careers in business organizations. Financial literacy is an increasingly essential capability as students prepare for the workforce, and this 18-lesson course provides the information they need to determine if a career in finance is right for them. The course uses games and online discussions to effectively facilitate learning, while introducing your 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.

Interior Design

0.5 Credit

1.0 WT

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.

Life Science

1.0 Credit

1.0 WT

This inquiry- and lab-based Life Science course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school life science. Content topics include cells and human body systems, structure and functions of living organisms, genes and adaptations, evolution, energy flow in ecosystems, and 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).

Nutrition

0.5 Credit

1.0 WT

Nutrition 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.

Nutrition & Wellness

0.5 Credit

1.0 WT

Nutrition & Wellness is designed to enable all students at the high school level to develop the critical skills and knowledge that they will need to be successful in careers throughout their lives. The course 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.

Personal Psychology 1: The Road to Self-Discovery

0.5 Credit

1.0 WT

Have you ever wondered why you do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers. We will trace the development of personality and behavior from infancy through adulthood.

Personal Psychology 2: Living in a Complex World

0.5 Credit

1.0 WT

Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different (or so similar) with your brother's or sister's? You will explore what makes you "you."

AP Psychology**1.0 Credit****1.08 WT**

AP® Psychology 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 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.

Principles of Architecture and Construction**1.0 Credit****1.0 WT**

The Principles of Architecture and Construction Semester A course is intended to help familiarize you with basic concepts of architecture and construction and a wide range of careers available in this field. Principles of Architecture and Construction Semester A begins by introducing foundational concepts of architecture and construction. This course covers architectural drawings, structure and loads, materials, and equipment used in architecture and construction. In this course, you will also review career opportunities in the field of Architecture and Construction. Finally, this course will explain the important workplace ethics required in this field.

Principles of Business, Marketing, & Finance**1.0 Credit****1.0 WT**

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, develop an understanding of the marketplace, as well as understanding 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 course for programs of study in Business Administration and Management. This course is built to state and national standards.

Real World Parenting**0.5 Credit****1.0 WT**

Do you love children? Maybe you dream of being a parent someday. But perhaps you are also asking yourself, just how, exactly, do you learn to parent? Learning how to care for children while teaching them confidence and accountability is not an easy feat. In Real-World Parenting, you'll learn that being a parent is much more than simply feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are all critical aspects as well. You'll learn how to be a positive force in the development of your future children as well as others around you.

Spanish 1

1.0 Credit

1.0 WT

In Spanish 1, 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.

Spanish 2

1.0 Credit

1.0 WT

In Spanish 2, 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.

Spanish 3

1.0 Credit

1.0 WT

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

Sociology 1: The Study of Human Relationships

0.5 Credit

1.0 WT

Human beings are complex creatures; however, when they interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Sometimes it can feel as if there are more questions than answers. Sociology I: The Study of Human Relationships seeks to answer these questions and many more as it explores culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives. How does this happen? Join us and find out!

Sociology 2: Your Social Life

0.5 Credit

1.0 WT

Why do people disagree on so many big issues? Where do culture wars come from? Maybe you've wondered this as you've looked through your social media feed or read the latest online article about groups fighting over different social issues. Sociology II: Your Social Life takes a powerful look at how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Although the reality of the battles isn't always pretty, gaining a clearer picture of the different sides can help you better understand how our lives are shaped by entertainment, social institutions, and social change.

Sports and Entertainment Marketing

1.0 Credit

1.0 WT

The bright lights. The roaring crowds. The chants and cheers and applause. If you are drawn to the electricity of large events and the challenge of making events successful, a career in sports and entertainment marketing may be for you! In this course, you will trace the development of these industries, dissect their dual nature, and discover what it takes to pitch, promote, and deliver on these services. You'll also explore the necessary steps to chart your own career path from among the professional roles that these industries need to operate. Let's get off the sidelines and hop into the primetime of the sporting and entertainment worlds!

Theater, Cinema and Film 1a

0.5 Credit

1.0 WT

Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!

Theater, Cinema and Film 1b: Lights, Camera, Action

0.5 Credit

1.0 WT

Lights, camera, action ... take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen.

Web Technology

1.0 Credit

1.0 WT

Web Technology is intended as a practical, hands-on guide to help you understand the concepts of website design. This course guides you how to create a website using web technologies. This course will cover careers in web technology, uses of web technology, and emerging trends in web technology. It also covers principles of design and creation of graphics. In addition, the course covers Internet protocols, web development tools, and client-server processing. The course also covers web page creation using HTML and style sheets. This course covers the creation of desktop publishing and multimedia projects. It also covers legal and ethical issues related to the Internet and website design. In addition, this course covers web page creation using JavaScript. It also covers DHTML and XML. The course additionally covers how to gather requirements from the client, plan out website development, create a wireframe, and create and publish a website. Finally, the course covers web maintenance and web administration.

World Geography**1.0 Credit****1.0 WT**

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.

GIFTED DEPARTMENT

Central Dauphin Schools serves the needs of academically talented young people in many ways. Advanced Placement courses are available which prepare students for the Advanced Placement examinations, allowing them to earn possible college credits. Throughout the four years of high school, accelerated and/or AP courses are offered in most subject areas. A student who is eligible as gifted may elect through the GIEP (Gifted Individualized Education Plan) process to design enrichment activities as part of any course selected. The teachers of gifted will then work with the student and classroom teacher to design enriched coursework.

INDIVIDUALIZED EDUCATION PROGRAMS AND SERVICES

Central Dauphin High Schools provide all special education students a Free and Appropriate Public Education. The student's parents serve as team members with the public school staff to determine eligibility for, and provision of, special education services.

It is the responsibility of the Multi-Disciplinary team to recommend to the Individualized Education Program (IEP) team the most appropriate educational considerations in the least restrictive environment. Once a student has been recommended eligible for special education and/or related service, an IEP is developed to determine the extent of services appropriate for that student at the secondary level. This IEP is the basis for all educational programming and instruction for eligible students.

Students may receive support as follows:

- ❖ Learning support
- ❖ Life skills support
- ❖ Multiple disabilities support
- ❖ Emotional support
- ❖ Autistic support
- ❖ Hearing support
- ❖ Vision support
- ❖ Speech and language support
- ❖ Related services
 - Vision services
 - Orientation and mobility
 - Speech and language therapy
 - Occupational therapy
 - Physical therapy
 - Deaf and hard of hearing services
 - Social work services
 - Psychological services

The Special Education Program at Central Dauphin School District's high schools provide academic, behavioral, emotional, and life skills support for special education eligible students and provide a connection between students, parents, and teachers. The support provided is determined by each student's IEP team. The goal of the special education program is to ensure academic and personal success for students with disabilities. Each Special Education student is assigned a Case Manager who is a Special Education Teacher. This Special Education Teacher acts as a resource for the student and parent in all areas of the student's education.

Learning Support

Students who are provided learning support services need specially designed instruction to meet their educational needs. Learning support often enables students to function more effectively in their regular classes. In addition to supporting students perform tasks, within the regular curriculum, specialized curricula such as those in the areas of mathematics and reading are utilized. Such specialized curricula reflect skills indicated in statewide standards.

Supplemental/Full-time Learning Support

The Supplemental/Full-time Learning Support program focuses on providing an individualized program for students who low incidence disabilities, such as Autism Spectrum Disorder. Curriculum content is fully aligned with the general education curriculum with an emphasis on development and use of appropriate communication, socialization and behavior, sensory integration, academics, leisure activities and community living. Opportunities for students to be enrolled in work experiences and community-based learning is available based on their individual needs.

Emotional Support

Emotional Support is available for students when the Individualized Education Program Team determines that this level of intensive service is the least restrictive environment. Opportunities for students to be enrolled in work experiences are available based on their individual needs.

Life Skills Support

Life Skills Support focuses on preparing students with a diagnosis of Intellectual Disabilities to become contributing members of the community. The curriculum addresses basic and functional academics, socialization, communication, motor, leisure activities, and community living. Class routines and daily activities engage students in functional situations whereby they learn to utilize academic skills in an integrated and meaningful manner. Prevocational and vocational training become increasingly emphasized as the student approaches graduation. Instructional outcomes follow Pennsylvania's Alternate System of Assessment and Related Standards. Opportunities are available based upon individual student needs.

Multiple Disabilities Support

Programming for students with multiple disabilities focuses on preparing students to achieve their potential as contributing members of the community. An educational plan is individualized to enable the student to achieve the outcomes required to attain this post-school vision and optimally contribute to the community. The curriculum addresses daily living, self-care, functional academics, communication, motor, socialization, leisure activities, community living, and prevocational and vocational training. Instructional outcomes follow Pennsylvania's Alternate System of Assessment and Related Standards. Class routines and daily activities engage the students in functional activities whereby they learn to utilize skills in an integrated and meaningful manner. The Central Dauphin School District Multiple Disabilities Support (MDS) Program believes that a community is enriched by diversity. Inclusion with regular education is implemented according to the student's learning profile. The Multiple Disabilities Support (MDS) Program works in association with the community agencies such as Mental Health/Intellectual and Developmental Disabilities Agency (MH/DD) and the Office of Vocational Rehabilitation (OVR), to facilitate the students' successful transition into the community.

Autistic Support

Autistic Support programming focuses on preparing students to become contributing members of the community. The curriculum addresses communication, socialization and behavior, sensory integration, pre-academics, academics, leisure activities and community living. Class routines and daily activities engage the students in meaningful applications of the curriculum. Emphasis is placed on integration of students' communication, motor, and sensory skills throughout their daily program, supported by necessary related services. Pre-vocational, vocational and community participation is increasingly emphasized as students approach graduation. Inclusion with regular education is implemented according to the student's learning profile and social-emotional needs. Students will be assessed annually to determine the amount of inclusion. Instructional outcomes follow Pennsylvania's Alternate System of Assessment and Related Standards.

NCAA Eligibility Requirements

The National Collegiate Athletic Association is a voluntary organization through which the nation's colleges and universities govern their athletics programs. It is comprised of institutions, conferences, organizations, and individuals committed to the best interests, education, and athletics participation of student-athletes. The NCAA Eligibility Center will certify the academics and amateur credentials of all college-bound student-athletes who wish to compete in NCAA Division I or II athletics.

The NCAA has approved courses with our partner company, Edmentum. Please work with your child's school counselor & NCAA's website for approved courses.

Division I Academic Standards

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:



DIVISION I

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

ACADEMIC REDSHIRT

You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of full-time enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

NONQUALIFIER

You will not be able to practice, compete or receive an athletics scholarship during your first year of full-time enrollment.



ELIGIBILITY CENTER

GRADE
9
REGISTER

- » If you haven't yet, [register](https://eligibilitycenter.org) for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's [interactive map](#) to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist to ensure you're taking the right courses, and earn the best grades possible!

GRADE
10
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, [transition](#) it to the required [certification account](#).
- » Monitor the [task list](#) in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding [approved courses](#) you can take.

GRADE
11
STUDY

- » Ensure your [sports participation](#) information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved [core courses](#) and graduate on time with your class.
- » Share your [NCAA ID](#) with NCAA schools recruiting you so each school can place you on its [institutional request list](#).
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE
12
GRADUATE

- » [Request your final amateurism certification](#) beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved [core courses](#) as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final [official transcript](#) with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9th
GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

10th
GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

11th
GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

12th
GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time
International (including Quebec):
on.ncaa.com/IntlContact



[@ncaaec](#) [@ncaaec](#) [@ncaaec](#) [@playcollegesports](#)



ELIGIBILITY CENTER

Division II Academic Standards

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

NCAA DIVISION II

MAKE IT YOURS

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

PARTIAL QUALIFIER

You may practice and receive an athletics scholarship but may NOT compete during your first year of full-time enrollment.



GRADE
9
REGISTER

- » If you haven't yet, **register** for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's **Interactive map** to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist to ensure you're taking the right courses, and earn the best grades possible!

GRADE
10
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE
11
STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses**.
- » Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE
12
GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

10th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

11th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES

12th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science
and/or other

4 CORE COURSES



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